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## Product Datasheet

### human ACE2 Protein (ECD, processed) - tag-free, lyophilized formulation, Human TRZ-P2020-024\_500

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | human ACE2 Protein (ECD, processed) - tag-free, lyophilized formulation, Human                                                                                                                                                                                |
| Biozol Catalog Number      | TRZ-P2020-024_500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | P2020-024_500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | TRZ-P2020-024_500                                                                                                                                                                                                                                             |
| Manufacturer               | trenzyme                                                                                                                                                                                                                                                      |
| Host                       | Human                                                                                                                                                                                                                                                         |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                |
| Application                | ELISA, FA, WB                                                                                                                                                                                                                                                 |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Product Description        | The human Angiotensin-Converting Enzyme 2 (hACE2) is a type I transmembrane metallocarboxypeptidase with homology to ACE, a regulator in the Renin-Angiotensin system (RAS) and long-known as a target for the treatment of hypertension. hACE2 is highly ... |
| Molecular Weight           | 80,0 kDa                                                                                                                                                                                                                                                      |
| UniProt                    | <a href="#">Q9BYF1</a>                                                                                                                                                                                                                                        |
| Buffer                     | 50 mM Tris, 250 mM NaCl                                                                                                                                                                                                                                       |
| Purity                     | > 80% as determined by SDS-PAGE. If maximum activity is needed, we recommend ordering our protein as liquid formulation (P2020-016)                                                                                                                           |

|          |                                                                                                                                                                                                                                                                                          |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form     | lyophilized                                                                                                                                                                                                                                                                              |
| Sequence | MTIEEQAKTFLDKFNHEAEDLFYQSSLASWNYNTNITEENVQNMNNAGDKW<br>SAFLKEQST<br>LAQMYPLQEIQNLTVKLQLQALQQNGSSVLSEDKSKRLNTILNTMSTIYSTGKV<br>CNPDPNP<br>QECLLLEPGLNEIMANSLDYNERLWAWESWRSEVGKQLRPLYEEYVVLKNEM<br>ARANHYED<br>YGDYWRGDYEVNGVDGYDYSRGQLIEDVEHTFEEIKPLYEHLHAYVRAKLMN<br>AYPSYISP IGCLPAHLLG |
| Formula  | pH 8,0                                                                                                                                                                                                                                                                                   |