

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Legumain, MBP/His-Tag, Human TRZ-P2020-159\_100

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Legumain, MBP/His-Tag, Human                                                                                                                                                                                                                                  |
| Biozol Catalog Number      | TRZ-P2020-159_100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | P2020-159_100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | TRZ-P2020-159_100                                                                                                                                                                                                                                             |
| Manufacturer               | trenzyme                                                                                                                                                                                                                                                      |
| Host                       | Human                                                                                                                                                                                                                                                         |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Product Description        | Legumain functions as lysosomal cysteine protease, specifically hydrolyzing peptide bonds after asparagine residues. Thereby, legumain plays a crucial role in the degradation of intracellular proteins. Structurally, it contains a highly conserved His... |
| Molecular Weight           | 91,1 kDa                                                                                                                                                                                                                                                      |
| UniProt                    | <a href="#">Q99538</a>                                                                                                                                                                                                                                        |
| Buffer                     | 20 mM Tris, 20 mM NaCl, 5 mM DTT                                                                                                                                                                                                                              |
| Purity                     | > 85 % as determined by SDS-PAGE                                                                                                                                                                                                                              |
| Form                       | liquid                                                                                                                                                                                                                                                        |

|          |                                                                                                                                                                                                                                                                                        |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence | VPIDDPEDGGKHWVVIVAGSNGWYNYRHQADACHAYQIIHRNGIPDEQIVVM<br>MYDDIAYS<br>EDNPTPGIVINRPNGTDVYQGVPKDYTGEDVTPQNFLAVLRGDAEAVKGIGS<br>GKVLKSGP<br>QDHVFIYFTDHGSTGILVFPNEDLHVKDLNETIHYMYKHKMYRKMFYIEACES<br>GSMMNH<br>LPDNINVYATTAANPRESSYACYYDEKRSTYLGDWYSVNWMEDSDVEDLTKE<br>TLHKQYHL VKSHTNTSHV |
| Formula  | pH 7,5                                                                                                                                                                                                                                                                                 |