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## Product Datasheet

### Human Fas protein, His and MBP tag, Unconjugated GTX00080-PRO

|                            |                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human Fas protein, His and MBP tag, Unconjugated                                                                                                                            |
| Biozol Catalog Number      | GTX00080-PRO                                                                                                                                                                |
| Supplier Catalog Number    | GTX00080-pro                                                                                                                                                                |
| Alternative Catalog Number | GTX00080-PRO-10                                                                                                                                                             |
| Manufacturer               | GeneTex                                                                                                                                                                     |
| Category                   | Proteine/Peptide                                                                                                                                                            |
| Application                | FA                                                                                                                                                                          |
| Species Reactivity         | Human                                                                                                                                                                       |
| Conjugation                | Unconjugated                                                                                                                                                                |
| NCBI                       | <a href="#">355</a>                                                                                                                                                         |
| UniProt                    | <a href="#">P25445</a>                                                                                                                                                      |
| Buffer                     | Reconstitute with 20mM Tris and 150mM NaCl to 0.1-1.0mg/ml. Do not vortex. Lyophilized from 20mM Tris, 150mM NaCl, 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose, ProClin 300. |
| Expression System          | E. coli                                                                                                                                                                     |
| Form                       | Lyophilized powder                                                                                                                                                          |
| Sequence                   | N-terminal His and MBP-Tag, Ser22~Ser172 (NP_000034.1)                                                                                                                      |

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| Application Notes | <p>FAS (Tumor necrosis factor receptor superfamily member 6) belongs to the tumor necrosis factor receptor superfamily. FAS contains a death domain, which has been shown to play a central role in the physiological regulation of programmed cell death. A binding ELISA assay was conducted to detect the association of FAS with TNF<math>\alpha</math>. Briefly, FAS were diluted serially in PBS, with 0.01% BSA (pH 7.4). Duplicate samples of 100 <math>\mu</math>l FAS were then transferred to TNF<math>\alpha</math>-coated microtiter wells and incubated for 2h at 37C. Wells were washed with PBST and incubated for 1h with anti-FAS pAb, then aspirated and washed 3 times. After incubation with HRP labelled secondary antibody, wells were aspirated and washed 3 times. With the addition of substrate solution, wells were incubated 15-25 minutes at 37C. Finally, add 50 <math>\mu</math>l stop solution to the wells and read at 450nm immediately. The binding activity of FAS and TNF<math>\alpha</math> was in a dose dependent manner.</p> |
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