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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)

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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