

Active Recombinant Pig TF protein, hFc-tagged

Cat. No. TF-568P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Pig TF protein(NP_001231582.1) (Met 1-Thr 715) was expressed in HEK293, fused with the human IgG1 Fc region at the C-terminus.
Species	Pig
Source	HEK293
ProteinLength	1-715 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The secreted recombinant pig (Sus scrofa) transferrin/Fc is a disulfide-linked homodimeric protein. The reduced monomer comprises 935 amino acids and has a predicted molecular mass of 103 kDa. It migrates as an approximately 100-110 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 88 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

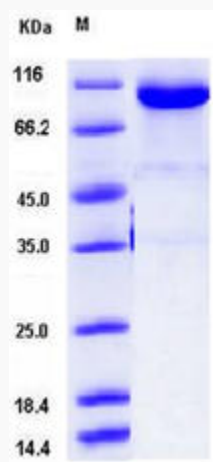
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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TF transferrin [<i>Sus scrofa</i>]
Official Symbol	TF
Synonyms	TF; transferrin; serotransferrin; siderophilin; beta-1 metal-binding globulin;
Gene ID	396996
mRNA Refseq	NM_001244653
Protein Refseq	NP_001231582

SDS-PAGE



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