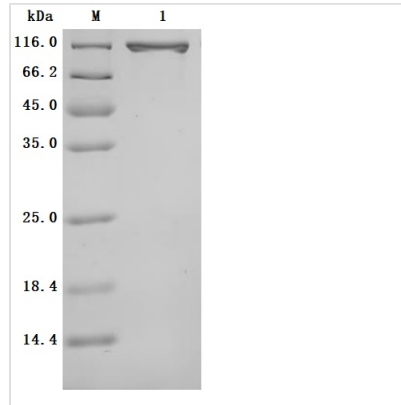


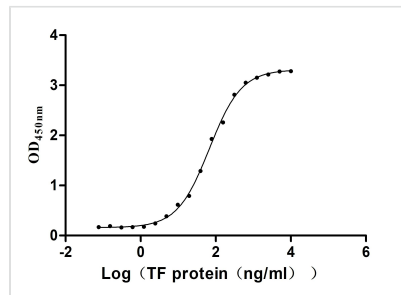


Recombinant Human Serotransferrin(TF) (Active)

Product Code	CSB-MP023412HU
Abbreviation	Recombinant Human TF protein (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P02787
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human TFRC(CSB-MP3648HU) at 2 µg/mL can bind Human TF. The EC50 is 58.72-77.84 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	VPDKTVRWCAVSEHEATKCQSFRDHMKSVIPSDGPSVACVKKASYLDCIRAIA ANEADAVTL DAGLVYDAYLAPNNLKPVVAEFYGSKEDPQTFYYAVAVVKKD SG FQMNQLRGKKSCHTGLGRSAGWNIPIGLLYCDLPEPRKPLEKAVANFFSGSC APCADGTDFPQLCQLCPGCGCSTLNQYFGYSGAFKCLKDGAGDVAFVKHSTI FENLANKADR DQYELLCLDNTRKPVDEYKDCHLAQVPSHTVVARSMGGKEDL IWELLNQAQEHFGKDKSKEFQLFSSPHGKDLLFKDSA HGF LKVP PRMDAKMY LGYEYVTAIRNLREGTCPEAPTDECKPVKWCALSHHERLKCDEWSVNSVGKIE CVSAETTEDCIAKIMNGEADAMSLDGGFVYIAGKCGLVPVLAENYNKSDNCED TPEAGYFAIAVVKKSASDLTWDNLKGKKSCHTAVGRTAGWNIPMGLLYNKINH CRFDEFFSEGCAPGSKKDSSLCKLCMGSGNLNCEPNNKEGYGYTGAFRCLV EKGDVAFVKHQTPQNTGGKNPDPWAKNLNEKDYELLCLDGTRKPV E EYAN CHLARAPNHAVVTRKDKEACVHKILRQQH LFGSNVTDCSGNFCLFRSETKD LLFRDDTVCLAKLHDRNTYEKYL GEEYVKA VGNLRK CSTSSLLEACTFRRP
Source	Mammalian cell
Target Names	TF
Expression Region	20-698aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc1-tagged
Mol. Weight	104.1kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Activity
 Measured by its binding ability in a functional ELISA. Immobilized TFRC(CSB-MP3648HU) at 2µg/mL can bind Human TF?the EC₅₀ is 58.72-77.84 ng/mL.

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.