

Product Datasheet

Recombinant Human Serotransferrin (TF) (Active) (orb2657929)

Catalog Number	orb2657929
Category	Proteins
Description	This Recombinant Human Serotransferrin (TF) (Active) spans the amino acid sequence from region 20-698aa. Purity: Greater than 95% as determined by SDS-PAGE.
Tag	Tag free
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm filtered solution in sterile water.
Purity	Greater than 95% as determined by SDS-PAGE.
Protein Sequence	VPDKTVRWCAVSEHEATKQCQFRDHMKSVIPSDGPSVACVKKASYLDCIRAIAANEADAVT LDAGLVYDAYLAPNNLKPVVAEFYGSKEDPQTFYYAVAVVKKDSGFQMNQLRGKKSCHTG LGRSAGWNIPIGLLYCDLPEPRKPLEKAVANFFSGSCAPCADGTDFFPQLCQLCPGCGCSTLN QYFGYSGAFKCLKDGAGDVAFVKHSTIFENLANKARDQYELLCLDNTRKPVDEYKDCHLA QVPSHTVVARSMGGKEDLIWELLNQAQEHFGKDKSKEFQLFSSPHGKDLLFKDSAAGFLK VPPRMDAKMYLGYEYVTAIRNLREGTCPEAPTDECKPVKWCALSHHERLKCDEWSVNSVG KIECVSAETTEDCIAKIMNGEADAMSLDGGFVYIAGKCGLVPVLAENYNKSDNCEDTPEAGY FAIAVVKKSASDLTWDNLKGKKSCHTAVGRTAGWNIPMGLLYNKINHCRFDEFFSEGCAPG SKKSSSLCKLCMGSGNLNCEPNKEGYGYTGAFRCLVEKGDVAFVKHQVTPQNTGGKPNP DPWAKNLNEKDYELLCLDGTRKPVVEYANCHLARAPNHAVVTRKDKEACVHKILRQQQHL FGSNVTDCSGNFCLFRSETKDLLFRDDTVCLAKLHNRNTYEKYLGEYVAVGNLRCSTST SLLEACTFRRP
Protein Length	Full Length of Mature Protein
UniProt ID	P02787

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MW	75.2 kDa
Application notes	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.
Endotoxins	≤0.5 EU/mg by the LAL method
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)
Biological Activity	Measured in a serum-free cell proliferation assay using MDCK canine kidney epithelial cells. The ED50 for this effect is 0.5-2 µg/mL.
Expression Region	20-698aa
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.
Note	For research use only
Expiration Date	6 months from date of receipt.

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