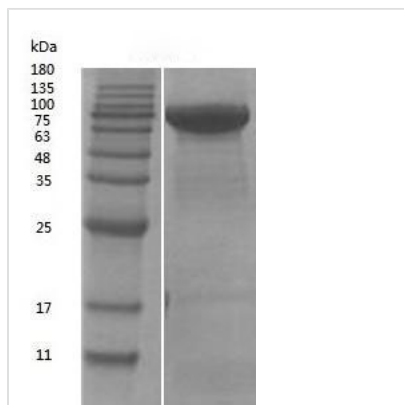




Recombinant Bovine Serotransferrin (TF) (Active)

Product Code	CSB-MP640906BO-WD
Abbreviation	Recombinant Bovine Serotransferrin 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.	Q29443
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in sterile water
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
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.
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	<p>DPERTVRWCTISTHEANKCASFRENVLRIESGPFVSCVKKTSHMDCIKAISNN EADAVTLDGGLVYEAGLKPNLKPVVAEFHGTDNPQTHYYAVAVVKKDADF KLNELRGKKSCHTGLGRSAGWNIPMAKLYKELPDPQESIQRAAANFFSASCVP CADQSSFPKLCQLCAGKGTDKCACSNHEPYFGYSGAFKCLMEGAGDVAFVK HSTVFDNLPNPEDRKNEYELLCGDNTRKSVDDYQECYLAMVPSHAVVARTVGG KEDVIWELLNHAQEHFGKDKPDNFQLFQSPHGKDLLFKDSADGFLKIPSKMDF ELYLGYEYVTALQNLRESKPPDSSKDECMVKWCAIGHQERTKCDRWSGFSG GAIECETAENTEELIAKIMKGEADAMSLDGGYLYIAGKCGLVPVLAENYKTEGE SCKNTPEKGYLAVAVVKTSDANINWNNLKDCKKSCHTAVDRTAGWNIPMGLLY SKINNCKFDEFFSAGCAPGSPRNSLALCALCIGSEKGTGKECVPNSNERYYGYT GAFRCLVEKGDVAFVKDQTVIQNTDGNNEAWAKNLKKNFEVLCKDGRTRKP VTDAENCHLARGPNHAVVSRKDKATCVEKILNKQDDDFGKSVTDCTSNFCLF QSNSKDLLFRDDTKCLASIAKKTYSYLGDDYVRAMTNLRQCSTSKLLEACTF HKP</p>
Source	Mammalian cell
Target Names	Transferrin
Expression Region	20-704aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag free
Mol. Weight	75.8 kDa
Protein Length	Full Length of Mature Protein
Image	



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

Endotoxin

≤0.5 EU/mg by the 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.