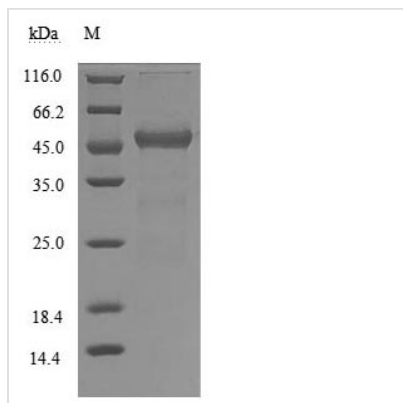


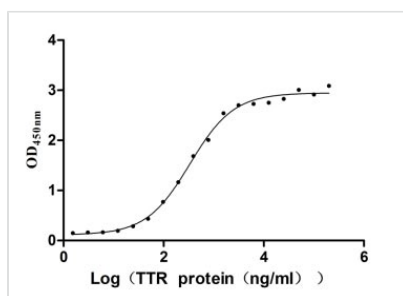


Recombinant Human Transthyretin (TTR) (Active)

Product Code	CSB-MP025270HUh6
Relevance	Thyroid hormone-binding protein. Probably transports thyroxine from the bloodstream to the brain
Abbreviation	Recombinant Human TTR 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.	P02766
Form	Lyophilized powder
Product Type	Others
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized RBP4 (CSB-MP019483HU) at 5 µg/ml can bind human TTR, the EC ₅₀ of human TTR protein is 284.7-391.7 ng/ml.
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	GPTGTGESKCPMLVKVLDVAVRGSPAINVAVHVFRKAADDTWEPFASGKTSES GELHGLTTEEEFVEGIYKVEIDTKSYWKALGISPFHEHAEVVFTANDSGPRRYT IAALLSPYSYSTTAVVTNPKE
Research Area	Cancer
Source	Mammalian cell
Target Names	TTR
Expression Region	21-147aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc1-Myc-tagged
Mol. Weight	43.9 kDa
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 RBP4 (CSB-MP019483HU) at 5 µg/ml can bind human TTR, the EC₅₀ of human TTR protein is 284.7-391.7 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.