

Transthyretin (Ttr) Active Protein | Ttr active protein

Recombinant Mouse Transthyretin (Ttr)(Active)

CATALOG #
AAA279232

HOST
Mammalian cell

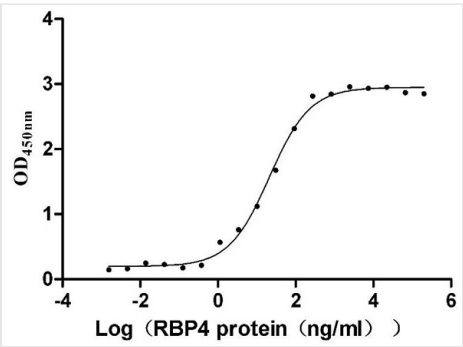
PRODUCT SYNONYMS

Transthyretin (Ttr); Recombinant Mouse Transthyretin (Ttr)(Active); Prealbumin; Ttr active protein

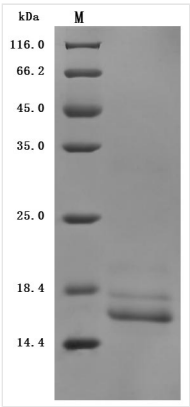
PRODUCT SPECIFICATIONS

Host	Mammalian cell
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Lyophilized powder Lyophilized from a 0.2 um filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Sequence Positions	21-147aa; Full Length of Mature Protein
Sequence	GPAGAGESKC PLMKVLDVAV RGSPAVDVAV KVFKKTSEGS WEPFASGKTA ESGELHGLTT DEKFVEGVYR VELDTKSYWK TLGISPFHEF ADVVFTANDS GHRHYTIAAL LSPYSYSTTA VVSNPQN\$
Species	Mus musculus (Mouse)
Tag	C-terminal 10xHis-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Research Area	Cancer
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse Ttr at 5 ug/mL can bind Mouse Rbp4, the EC50 is 17.06-26.23 ng/mL.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week. 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 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

IMAGES



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

ADDITIONAL INFORMATION

Related Product Information for Ttr active protein	Thyroid hormone-binding protein. Probably transports thyroxine from the bloodstream to the brain.
Product Categories/Family for Ttr active protein	Active Protein & In Stock Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	7305599
NCBI GeneID	22139
NCBI Accession #	NP_038725.1
NCBI GenBank Nucleotide #	NM_013697.5
UniProt Accession #	P07309
Molecular Weight	15,776 Da
NCBI Official Full Name	transthyretin
NCBI Official Synonym Full Names	transthyretin
NCBI Official Symbol	Ttr
NCBI Official Synonym Symbols	D17860; AA408768; A1787086; prealbumin
NCBI Protein Information	transthyretin
UniProt Protein Name	Transthyretin
UniProt Gene Name	Ttr
UniProt Entry Name	TTHY_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.