

## Recombinant Mouse Ttr Protein, Myc/DDK-tagged

Cat. No. Ttr-6725M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length transthyretin (Ttr), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a carrier protein responsible for the transport of thyroid hormones and retinol. The protein consists of a tetramer of identical subunits. Due to increased stability of the tetramer form of this encoded protein in mouse, compared to the human protein, this gene product has a reduced tendency to form amyloid fibrils. In humans, this protein binds beta-amyloid preventing its aggregation and providing a neuroprotective role in Alzheimer's disease. [provided by RefSeq, Mar 2010]
<b>Molecular Mass</b>	15.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Ttr transthyretin [ *Mus musculus* (house mouse) ]

**Official Symbol** Ttr

**Synonyms** TTR; transthyretin; D17860; AA408768; AI787086; prealbumin; MGC107649

**Gene ID** 22139

**mRNA Refseq** NM\_013697

**Protein Refseq** NP\_038725

**UniProt ID** P07309

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