

Recombinant Mouse Ttr protein(21-147aa), His-tagged

Cat. No. Ttr-3938M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ttr protein(P07309)(21-147aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	21-147aa
Form	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse Ttr at 5 µg/mL can bind Mouse Rbp4, the EC50 is 17.06-26.23 ng/mL.
Molecular Mass	16.4 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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

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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.

AA Sequence

GPAGAGESKCPLMVKVLDAVRGSPAVIDVAVKVFKKTSEGSWEPFASGKTAESGEL
HGLTTDEKFVEGVYRVELDTKSYWKTGLISPFHEFADVFTANDSGHRHYTIAALLS
PYSYSTTAVVSNPQN

GENE INFORMATION

Gene Name Ttr transthyretin [Mus musculus]

Official Symbol Ttr

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

Gene ID 22139

mRNA Refseq NM_013697

Protein Refseq NP_038725

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