

Recombinant Full Length Human TTR protein(Met1-Glu147), His-tagged

Cat. No. TTR-1284H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TTR (NP_000362.1) (Met 1-Glu 147) with a C-terminal polyhistidine tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-147 aa
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant human TTR-His at 10 µg/ml (100 µl/well) can bind recombinant Canine RBP4-Fc with a linear range of 0.3-10.0 µg/ml.
Molecular Mass	The secreted recombinant human TTR comprises 138 amino acids with a predicted molecular mass of 15.2 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TTR transthyretin [Homo sapiens]

Official Symbol TTR

Synonyms

TTR; transthyretin; PALB, prealbumin, amyloidosis type I; HsT2651; ATTR; carpal tunnel syndrome 1; thyroxine-binding prealbumin; prealbumin, amyloidosis type I; CTS; CTS1; PALB; TBPA;

Gene ID 7276

mRNA Refseq NM_000371

Protein Refseq NP_000362

MIM 176300

UniProt ID P02766

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