

Recombinant Human Transthyretin/TTR Protein

Catalog No.: RP00298 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	7276	P02766

Tags

C-His

Synonyms

CTS; CTS1; HEL111; HsT2651; PALB; TBPA; TTR; CTS1; HEL111; HsT2651; PALB; T BPA

Product Information

Source	Purification
HEK293 cells	> 90% by SDS-PAGE.

Calculated MW	Observed MW
14.60 kDa	16 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

Basic Information

Description

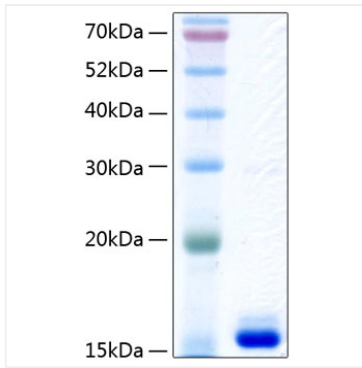
Recombinant Human Transthyretin/TTR Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gly 21 - Glu 147) of human Transthyretin (Accession #NP_000362.1) fused with a 6xHis tag at the C-terminus.

Bio-Activity

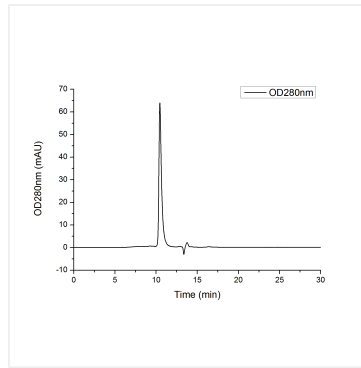
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human Transthyretin/TTR Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 16 kDa.



The purity of Human Transthyretin Protein (Cat.RP00298) was greater than 90% as determined by SEC-HPLC.