Transthyretin (TTR) Recombinant Protein | TTR recombinant protein

Recombinant Transthyretin (TTR)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134098	**E.coli**	**Rattus norvegicus (Rat)**	**Western Blot, SDS-Page**

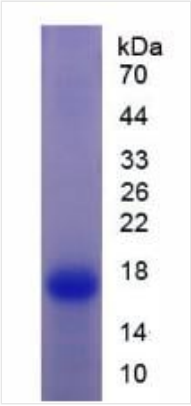
PRODUCT SYNONYMS

Transthyretin (TTR); Recombinant Transthyretin (TTR); TTR recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.05% Sarcosyl.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for TTR recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala20~Asn147
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.2
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

Sequence

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                    A GPGGAGESKC PLMVKVLDAV RGSPAVDVAV
KVFKKTADGS WEPFASGKTA ESGELHGLTT DEKFTEGVYR VELDTKSYWK
ALGISPFHEY AEVVFTANDS GHRHYTIAAL LSPYSYSTTA VVSNPQN
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NCBI AND UNIPROT INFORMATION

NCBI GI #	333033763
NCBI GeneID	24856
NCBI Accession #	NP_036813.2
NCBI GenBank Nucleotide #	NM_012681.2
UniProt Accession #	P02767; Q547K9
Molecular Weight	Predicted Molecular Mass: 14.9kDa Accurate Molecular Mass: 17kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	transthyretin
NCBI Official Synonym Full Names	transthyretin
NCBI Official Symbol	Ttr
NCBI Official Synonym Symbols	Lr1; Tbpa
NCBI Protein Information	transthyretin; prealbumin, amyloidosis type I
UniProt Protein Name	Transthyretin
UniProt Gene Name	**Ttr**
UniProt Synonym Gene Names	Tt
UniProt Entry Name	TTHY_RAT

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.

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Online datasheet: https://stage.aaabiotech.com/ttr-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134098