

Transthyretin (Ttr) Recombinant Protein | Ttr recombinant protein

Recombinant Rat Transthyretin (Ttr)

CATALOG # AAA114943	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Transthyretin (Ttr); Recombinant Rat Transthyretin (Ttr); Ttr recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	21-147, full length protein
Sequence	GPGGAGESKC PLMKVLDVAV RGSPAVDVAV KVFKKTAGDS WEPFASGKTA ESGELHGLTT DEKFTEGVYR VELDTKSYWK ALGISPFHEY AEVVFTANDS GHRHYTIAAL LSPYSYSTTA VVSNPQN
Sequence Length	127
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Ttr recombinant protein	This gene encodes transthyretin, one of the three prealbumins including alpha-1-antitrypsin, transthyretin and orosomucoid. Transthyretin is a carrier protein; it transports thyroid hormones in the plasma and cerebrospinal fluid, and also transports retinol (vitamin A) in the plasma. The protein consists of a tetramer of identical subunits. More than 80 different mutations in this gene have been reported; most mutations are related to amyloid deposition, affecting predominantly peripheral nerve and or the heart, and a small portion of the gene mutations is non-amyloidogenic. The diseases caused by mutations include amyloidotic polyneuropathy, euthyroid hyperthyroxinaemia, amyloidotic vitreous opacities, cardiomyopathy, oculoleptomeningeal amyloidosis, meningocerebrovascular amyloidosis, carpal tunnel syndrome, etc.
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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	15,720 Da
NCBI Official Full Name	transthyretin
NCBI Official Synonym Full Names	transthyretin
NCBI Official Symbol	Ttr
NCBI Official Synonym Symbols	TT; Lr1; Tbpa
NCBI Protein Information	transthyretin
UniProt Protein Name	Transthyretin
UniProt Gene Name	Ttr
UniProt Synonym Gene Names	Tt

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ttr-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114943>