

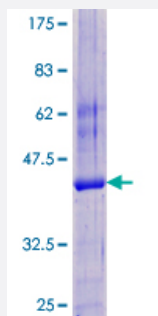
Full-Length

TAT (Human) Recombinant Protein (P01)

Catalog # H00006898-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TAT full-length ORF (AAH20707.1, 1 a.a. - 142 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDPYMIQMSSKGNLPSILDVHVNVGGRSSVPGMKGRKARWSVRPSDMAKKTFNPIRAVDNMKVKPNPNKTMISLSIGELGTLRGCHCPPLLSCSQAGWRRWQLGVSLSTEHGRTSWLLLCFPPIKRGPYCVWKPAYRP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.3
Interspecies Antigen Sequence	Mouse (76); Rat (74)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TAT

Entrez GeneID	6898
GeneBank Accession#	BC020707.1
Protein Accession#	AAH20707.1
Gene Name	TAT
Gene Alias	-
Gene Description	tyrosine aminotransferase
Omim ID	276600
Gene Ontology	Hyperlink
Gene Summary	This nuclear gene encodes a mitochondrial protein tyrosine aminotransferase which is present in the liver and catalyzes the conversion of L-tyrosine into p-hydroxyphenylpyruvate. Mutations in this gene cause tyrosinemia (type II, Richner-Hanhart syndrome), a disorder accompanied by major skin and corneal lesions, with possible mental retardation. A regulator gene for tyrosine aminotransferase is X-linked. [provided by RefSeq]
Other Designations	tyrosine aminotransferase, cytosolic

Pathway

- [Biosynthesis of alkaloids derived from ornithine](#)

- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of phenylpropanoids](#)
- [Cysteine and methionine metabolism](#)
- [Isoquinoline alkaloid biosynthesis](#)
- [Metabolic pathways](#)
- [Novobiocin biosynthesis](#)
- [Phenylalanine](#)
- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)
- [Ubiquinone and other terpenoid-quinone biosynthesis](#)