

## Recombinant Human TAT Protein, His-tagged

Cat. No. TAT-932H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TAT fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
<b>Molecular Mass</b>	50.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	TAT tyrosine aminotransferase [ Homo sapiens ]
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<b>Official Symbol</b>	TAT
<b>Synonyms</b>	TAT; tyrosine aminotransferase; tyrosine aminotransferase, cytosolic; L-tyrosine:2-oxoglutarate aminotransferase;
<b>Gene ID</b>	6898
<b>mRNA Refseq</b>	NM_000353
<b>Protein Refseq</b>	NP_000344
<b>MIM</b>	613018
<b>UniProt ID</b>	P17735

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