

Recombinant Mouse Tat Protein, Myc/DDK-tagged

Cat. No. Tat-6297M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tyrosine aminotransferase (Tat), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a liver-specific mitochondrial enzyme that catalyzes the conversion of L-tyrosine into p-hydroxyphenylpyruvate. Regulated by glucocorticoid and polypeptide hormones, this gene's expression is affected by deletion of a regulatory region near the albino locus on chromosome 7. Mutations in this gene cause tyrosinemia type II in humans. [provided by RefSeq, Mar 2010]
Molecular Mass	50.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Tat tyrosine aminotransferase [<i>Mus musculus</i> (house mouse)]
Official Symbol	Tat
Synonyms	TAT; tyrosine aminotransferase; tyrosine transaminase; L-tyrosine:2-oxoglutarate aminotransferase; MGC37772; MGC37789; MGC37790; MGC37819; MGC37828; MGC37842
Gene ID	234724
mRNA Refseq	NM_146214
Protein Refseq	NP_666326
UniProt ID	Q8QZR1

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