

Product datasheet for **TP507246**

Tat (NM_146214) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tyrosine aminotransferase (Tat), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207246 protein sequence Red=Cloning site Green=Tags(s)

MDSYVIQTNVNDLPSVLDVRVNIIGRSSVQGRAKGRKARWNVRPDMSNKTFNPIRAIVDNMKVKPNPN
KTVISLSIGDPTVFGNLPTDPEVTQAMKDALDSGKYNGYAPSIGYLLSREEVASYYHCPEAPLEAKDVIL
TSGCSQAIELCLAVLANPGQNILIPRPGFSLYRTLAE SMGIEVKLYNLLPEKSWEIDLKQLES LI DEKTA
CLVNNPSNPCGSVFSKRHLQKILAVAE RQCVPILA DEIY GDMVFS DCKYEP MATLSTNVPILSCGGLAK
RWLVPGWRLGWILIHDRRDIFGNEIRDGLVKLSQRILGPCTIVQGALKSILQRTPEFYQDTLSFLKSNA
DLCYGALSAIPGLQPVRPSGAMYLMVGIEMEHFPEFENDVEFTERLIAEQSVHCLPATCFEYPNFFRVVI
TVPEVMMLEACSRIQEFCEQHYHCAEGSQEECDK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	50.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_666326
Locus ID:	234724



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UniProt ID: [Q8QZR1](#)

RefSeq Size: 2377

Cytogenetics: 8 57.38 cM

RefSeq ORF: 1365

Summary: 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]