

Product datasheet for TP516176

Tymp (NM_138302) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thymidine phosphorylase (Tymp), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216176 representing NM_138302 Red=Cloning site Green=Tags(s)

MAAPGTPPPSASGGGGGEPRLPELIRLKRDDGGHLREADIRNFVHAVIDGRAQDTQIGAMLMAIRLQGMN
LEETSVLTRALAESGQQLWPKAWHQQLVDKHSTGGVGDVSLVLPALAAACGCKVPMISGRSLGHTGGT
LDKLESIPGFGVTQSPEQMLHILEEVGCCIVGQSALVLPADGILYAARDVTATVDSVPLITASILSKKAV
EGLSTLVVDVKFGAAVFPDQEKARELAKMLVRVGVSLGLKVAALAMDNPLGRSVGHTLEVEEALLCL
DGAGPPDLRDLVIRLGGAILWISGQAETQDQGAARVAAALDDGSARRRFQLMLSAQGVDPGLAKALCSGS
PTQRRQLPHAREQEELLAPADGIVECVRALPLARVLHDLGAGRSRAGQPIRPGVGAEVLDVVGQCLSRG
TPWLRVHLDGPALSSQRRRTLQGALVLSDRAPFKVPSFAELVLPPTIAQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	49.8 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_612175
Locus ID:	72962



[View online »](#)

UniProt ID: [Q99N42](#)

RefSeq Size: 2042

Cytogenetics: 15 44.86 cM

RefSeq ORF: 1413

Synonyms: 2900072D10Rik; Ecgf1; PD-ECGF; PDECGF; Pdgfec

Summary: Catalyzes the reversible phosphorolysis of thymidine. The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis (By similarity).[UniProtKB/Swiss-Prot Function]