

Recombinant Mouse Tymp Protein, Myc/DDK-tagged

Cat. No. Tymp-6755M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thymidine phosphorylase (Tymp), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	49.8 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.

GENE INFORMATION

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Gene Name	Tymp thymidine phosphorylase [Mus musculus (house mouse)]
Official Symbol	Tymp
Synonyms	TYMP; thymidine phosphorylase; TP; tdRPase; gliostatin; platelet derived growth factor, endothelial cell; endothelial cell growth factor 1 (platelet-derived); Ecgf1; PDECGF; Pdgfec; PD-ECGF; 2900072D10Rik
Gene ID	72962
mRNA Refseq	NM_138302
Protein Refseq	NP_612175
UniProt ID	Q99N42

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