

Recombinant Mouse Upp1 Protein, Myc/DDK-tagged

Cat. No. Upp1-6848M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length uridine phosphorylase 1 (Upp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the reversible phosphorylytic cleavage of uridine and deoxyuridine to uracil and ribose- or deoxyribose-1-phosphate. The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis.
Molecular Mass	34.1 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.

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GENE INFORMATION

Gene Name	Upp1 uridine phosphorylase 1 [Mus musculus (house mouse)]
Official Symbol	Upp1
Synonyms	UPP1; uridine phosphorylase 1; UPase 1; urdPase 1; Up; Upp; UPase; UdRPase; AI325217
Gene ID	22271
mRNA Refseq	NM_001159402
Protein Refseq	NP_001152874
UniProt ID	P52624

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