

Recombinant Mouse Upp2 Protein, Myc/DDK-tagged

Cat. No. Upp2-6849M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length uridine phosphorylase 2 (cDNA clone MGC:28547 IMAGE:4196835), complete cds, 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 (Probable).
Molecular Mass	37.8 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.

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GENE INFORMATION

Gene Name	Upp2 uridine phosphorylase 2 [Mus musculus (house mouse)]
Official Symbol	Upp2
Synonyms	Upp2; uridine phosphorylase 2; UP; UP2; UPA; UDRP; UPASE2; AI266885; UDRPASE2; 1700124F02Rik; uridine phosphorylase 2; L-UrdPase; liver-specific uridine phosphorylase; EC 2.4.2.3
Gene ID	76654
mRNA Refseq	NM_029692
Protein Refseq	NP_083968
UniProt ID	Q8CGR7

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