

Recombinant Human UPP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UPP1-4498H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UPP1 MS Standard C13 and N15-labeled recombinant protein (NP_003355) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a uridine phosphorylase, an enzyme that catalyzes the reversible phosphorylation of uridine (or 2'- deoxyuridine) to uracil and ribose-1-phosphate (or deoxyribose-1-phosphate). The encoded enzyme functions in the degradation and salvage of pyrimidine ribonucleosides.
Molecular Mass	33.9 kDa
AA Sequence	MAATGANAEKAESHNDPCVRLNPNIAKMKEDILYHFNLTTSRHNFALFGDVKFVC VGGSPSRMKAFIRCVGAELGLDCPGRDYPNICAGTDRYAMYKVGPVLSVSHGMGIP SISIMLHELKLLYYARCSNVTIIRIGTSGGIGLEPGTVVITEQAVDTCFKAEFEQIVLGK RVIRKTDLNKKLVQELLLCSAELSEFTTVVGNTMCTLDFYEGQGRLDGALCSYTEKD KQAYLEAAYAAGVRNIEMESSVFAAMCSACGLQAAVVCVTLLNRLEGDQISSPRNVL SEYQQRQPQLVSYFIKKKLSKATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name UPP1 uridine phosphorylase 1 [Homo sapiens (human)]

Official Symbol UPP1

Synonyms UPP1; uridine phosphorylase 1; UP, uridine phosphorylase; UDRPASE; UPASE; UPP; UPase 1; urdPase 1; UP;

Gene ID 7378

mRNA Refseq NM_003364

Protein Refseq NP_003355

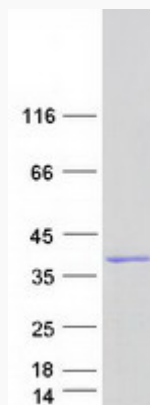
MIM 191730

UniProt ID Q16831

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SDS-PAGE

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