

Recombinant Human UPP2 Protein, Full Length, C-Flag tagged

Cat. No. UPP2-15HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human uridine phosphorylase 2 (UPP2), transcript variant 1 with a C-Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293
ProteinLength	Full Length
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. Shows substrate specificity and accept uridine, deoxyuridine, and thymidine as well as the two pyrimidine nucleoside analogs 5-fluorouridine and 5-fluoro-2(')-deoxyuridine as substrates.
Molecular Mass	35.3 kDa
AA Sequence	MASVIPASNRSMRSDRNTYVGKRFVHVKNPYLDLMDEDILYHLDLGTKTHNLPAMF GDVKFVCVGGSPNRMKAFALFMHKELGFEEAEEDIKDICAGTDRYCMYKTGPVLAIS HGMGIPSISIMLHELKLLHHARCCDVTIIRIGTSGGIGIAPGTVVITDIAVDSFFKPRFE QVILDNIVTRSTELDKELSEELFNCSKEIPNFPTLVGHTMCTYDFYEGQGRLDGALCS FSREKKLDYLKRAFKAGVRNIEMESTVFAAMCGLCGLKAAVVCVTLLDRLDCDQINL PHDVLVEYQQRQPQLLISNFIRRRRLGLCDTRTRPLEQKLISEEDLAANDILDYKDDDDK V

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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.
Concentration	> 0.05 µg/µL as determined by microplate BCA method
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

GENE INFORMATION

Gene Name	UPP2 uridine phosphorylase 2 [Homo sapiens (human)]
Official Symbol	UPP2
Synonyms	UPP2; uridine phosphorylase 2; UDRPASE2; UP2; UPASE2; UPase 2; urdPase 2; uridine phosphorylase-2; liver-specific uridine phosphorylase;
Gene ID	151531
mRNA Refseq	NM_173355
Protein Refseq	NP_775491
MIM	617340

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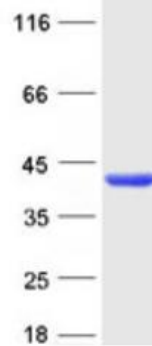
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UniProt ID

O95045

SDS-PAGE

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