Recombinant Human UPP2 Protein, Full Length, N-GST tagged

Cat. No. UPP2-20HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human UPP2 full-length ORF (NP_775491.1, 1 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ (in vitro).
Species	Human
Source	Wheat Germ
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	61.9 kDa
AA Sequence	MASVIPASNRSMRSDRNTYVGKRFVHVKNPYLDLMDEDILYHLDLGTKTHNLPAMF GDVKFVCVGGSPNRMKAFALFMHKELGFEEAEEDIKDICAGTDRYCMYKTGPVLAIS HGMGIPSISIMLHELIKLLHHARCCDVTIIRIGTSGGIGIAPGTVVITDIAVDSFFKPRFE QVILDNIVTRSTELDKELSEELFNCSKEIPNFPTLVGHTMCTYDFYEGQGRLDGALCS FSREKKLDYLKRAFKAGVRNIEMESTVFAAMCGLCGLKAAVVCVTLLDRLDCDQINL PHDVLVEYQQRPQLLISNFIRRRLGLCD

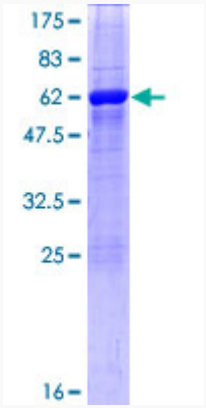
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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
UniProt ID	O95045

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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