

Recombinant Human UGP2, GST-tagged

Cat. No. UGP2-3585H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UGP2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	2-287aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	UGP2 UDP-glucose pyrophosphorylase 2 [Homo sapiens]
Official Symbol	UGP2
Synonyms	UGP2; UDP-glucose pyrophosphorylase 2; UDP glucose pyrophosphorylase 1 , UGP1; UTP--glucose-1-phosphate uridylyltransferase; UGPP1; UDPGP; UGPase 2; UDP-glucose diphosphorylase; UDP-glucose pyrophosphorylase 1; UTP-glucose-1-phosphate uridylyltransferase; UTP--glucose-1-phosphate uridylyltransferase 2; uridyl

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	diphosphate glucose pyrophosphorylase 2; UDPG; UGP1; UGPP2; UDPGP2; pHC379;
Gene ID	7360
mRNA Refseq	NM_001001521
Protein Refseq	NP_001001521
MIM	191760
UniProt ID	Q16851
Chromosome Location	2p14-p13
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; Ascorbate biosynthesis, animals, glucose-1P =>ascorbate, organism-specific biosystem; Ascorbate biosynthesis, anim
Function	UTP:glucose-1-phosphate uridylyltransferase activity; UTP:glucose-1-phosphate uridylyltransferase activity; glucose binding; metal ion binding; nucleotidyltransferase activity; protein binding; pyrimidine ribonucleotide binding; transferase activity;