Recombinant Human UGP2 protein, His-SUMO-tagged

Cat. No. UGP2-4414H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UGP2 protein(Q16851)(1-497aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-497aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	71.7 kDa
AA Sequence	MSQDGASQFQEVIRQELELSVKKELEKILTTASSHEFEHTKKDLDGFRKLFHRFLQE KGPSVDWGKIQRPPEDSIQPYEKIKARGLPDNISSVLNKLVVVKLNGGLGTSMGCKG PKSLIGVRNENTFLDLTVQQIEHLNKTYNTDVPLVLMNSFNTDEDTKKILQKYNHCRV KIYTFNQSRYPRINKESLLPVAKDVSYSGENTEAWYPPGHGDIYASFYNSGLLDTFIG EGKEYIFVSNIDNLGATVDLYILNHLMNPPNGKRCEFVMEVTNKTRADVKGGTLTQY EGKLRLVEIAQVPKAHVDEFKSVSKFKIFNTNNLWISLAAVKRLQEQNAIDMEIIVNAK TLDGGLNVIQLETAVGAAIKSFENSLGINVPRSRFLPVKTTSDLLLVMSNLYSLNAGSL TMSEKREFPTVPLVKLGSSFTKVQDYLRRFESIPDMLELDHLTVSGDVTFGKNVSLK GTVIIIANHGDRIDIPPGAVLENKIVSGNLRILDH

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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 uridyltransferase; UTP--glucose-1-phosphate uridylyltransferase 2; uridyl 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

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