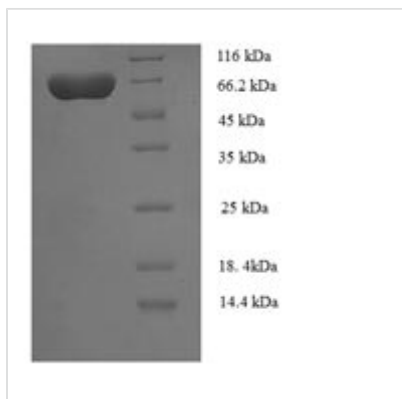




Recombinant Human UTP--glucose-1-phosphate uridylyltransferase (UGP2)

Product Code	CSB-EP620986HU
Relevance	Plays a central role as a glucosyl donor in cellular metabolic pathways.
Abbreviation	Recombinant Human UGP2 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q16851
Alias	UDP-glucose pyrophosphorylase ;UDPGP ;UGPase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSQDGASQFQEVIHQELELSVKKELEKILTTASSHEFEHTKKDLDGFRKLFHRF LQEKGPSVDWVGKIQRPPEDSIQPYEKIKARGLPDNISSVLNKLVVVKLNGLGT SMGCKGPKSLIGVRNENTFLDLTVQQIEHLNKTYNTDVPLVLMNSFNTDEDTK KILQKYNHCRVKIYTFNQSRYPINKESELLPVAKDVSYSGENTEAWYPPGHGDI YASFYNSGLLDTFIGEGKEYIFVSNIDNLGATVDLYILNHLMNPPNGKRCEFVM EVTNKTRADVKGGLTQYEGKLRRLVEIAQVPKAHVDEFKSVSKFKIFNTNNLWI SLAAVKRLQEQAIDMEIIVNAKTLDGGLNVIQLETAVGAAIKSFENSLGINVPR SRFLPVKTTSDLLLVMNLYSLNAGSLTMSEKREFPTVPLVKLGSSFTKVQDYL RRFESIPDMLELDHDTVSGDVTFGKNVSLKGTVIIIANHGDRIDIPPGAVLENKIV SGNLRILDH
Research Area	Cancer
Source	E.coli
Target Names	UGP2
Expression Region	1-497aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	71.7kDa
Protein Length	Full Length of Isoform 2
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.