

Product datasheet for **TP507977**

Ugp2 (BC025585) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse UDP-glucose pyrophosphorylase 2 (cDNA clone MGC:38262 IMAGE:5324928), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR207977 protein sequence
Red=Cloning site **Green**=Tags(s)

MSQDGASQFQEVILQELELSVKKELEKILTTAASHEFEHTKKDLDGFRKLFHRFLQEKGPSVDWGKIQRP
PEDSIQPYEKIKARGLPDNISSVLNKLWVVKLNGLGTSMGCKGPKSLIGVRNENTFLDLTVQQIEHLNK
TYNTDVPLVLMNSFNTDEDTKKILQKYNHCRVKIYTFNQSRYPRIKESLLPIAKDVSYSGENTEAWYPP
GHGDIYASFYNSGLLDTFIEEGKEYIFVSNIDNLGATVDLYILNHLMNPPNGKRCEVMEVTNKTRADV
GGTLTQYEGKRLRVEIAQVPAHVDEFKSVSKFKIFNTNNLWISLGAVKRLQEQNAIDMEIIVNPKTLDG
GLNVIQLETAVGAAIKSFENSLGINVPRSRFLPVKTTSDLLVMSNLYSLNAGSLTMSEKREFPTVPLVK
LGSSFTKVQDYLRREFESIPDMLELDHDTVSGDVTFGKNVSLKGTVIIIANHGDRIDIPP GAVLENKIVSG
NLRILDH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 55.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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Locus ID:	216558
UniProt ID:	Q91ZJ5
RefSeq Size:	2069
Cytogenetics:	11 13.89 cM
RefSeq ORF:	1491
Synonyms:	MGC38262
Summary:	Plays a central role as a glucosyl donor in cellular metabolic pathways.[UniProtKB/Swiss-Prot Function]