

RPPB2403

Product Information Protein Information

Product SKU:

RPPB2403

Accession:

Q16851

Host:

Escherichia Coli.

Protein description:

UGP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 531 amino acids (1-508 a.a) and having a molecular mass of 59.3kDa.UGP2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

UDP-Glucose Pyrophosphorylase 2,UDP-Glucose Pyrophosphorylase 1, EC 2.7.7.9, UGPP2, UDPGP, UGP1, UTP--Glucose-1-Phosphate Uridyltransferase 2,Uridyl Diphosphate Glucose Pyrophosphorylase-1, Uridyl Diphosphate Glucose Pyrophosphorylase 2, UTP--Glucose-1-Phosphate Uridyltransferase , UTP-Glucose-1-Phosphate, Uridyltransferase, UDP-Glucose Pyrophosphorylase , UDP-Glucose Diphosphorylase, UGPase 2, UDPGP2, PHC379, UGPase, UGPP1, UDPG.

Formulation:

UGP2 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4) and 20% glycerol, 1mM DTT.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MGSMSRFVQD LSKAMSQDGA SQFQEVIRQE LELSVKKELE KILTTASSHE
FEHTTKDLDG FRKLFHRFLQ EKGPSVDWVK IQRPPEDSIQ PYEKIKARGL PDNISSVLNK LVVVKLNGGL
GTSMGCKGPK SLIGVRNENT FLDLTVQQIE HLNKTYNTDV PLVLMNSFNT DEDTKKILQK YNHCRVKIYT
FNQSRYPRIK KESLLPVAKD VSYSGENTEA WYPPGHGDIY ASFYNSGLLD TFIGEGKEYI FVSNIDNLGA
TVDLYILNHL MNPPNGKRCE FVMEVTNKTR ADVKGGTLTQ YEGKRLRVEI AQVPKAHVDE FKSVSFKFIF
NTNNLWISLA AVKRLQEQNA IDMEIIVNAK TLDGGLNVIQ LETAVGAAIK SFENSLGINV PRSRFLPVKT
TSDLLLVMSN LYSLNAGSLT MSEKREFPTV PLVKLGSSFT KVQDYLRFFE SIPDMEILDH LTVSGDVTFG
KNVSLKGTVI IIANHGDRID IPPGAVLENK IVSGNLRILD H.