

Human UGDH Recombinant Protein



RPPB2400

Product Information Protein Information

Product SKU:

RPPB2400

Accession:

O60701

Host:

Escherichia Coli.

Protein description:

UGDH Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 533 amino acids (1-494 a.a.) and having a molecular mass of 59.5 kDa. The UGDH is fused to a 39 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

GDH, UDP-GlcDH, UDPGDH, UGD, EC=1.1.1.22, UDP-Glc dehydrogenase, UDP-glucose 6-dehydrogenase, UGDH.

Formulation:

UGDH Human solution (0.5mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT, 1mM EDTA, 0.1M NaCl & 20% glycerol.

Purity:

Greater than 95.0% 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:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSELEM FEIKKICIG AGYVGGPTCS VIAHMCPEIR
VTVVDVNESR INAWNSPTLP IYEPGLKEVV ESCRGNLFF STNIDDAIKE ADLVFISVNT PTKTYGMGKG
RAADLYIEA CARRIVQNSN GYKIVTEKST VPVRAAESIR RIFDANTKPN LNLQVLSNPE FLAEGTAIKD
LKNPDRVLIG GDETPGQRA VQALCAVYEH WVPREKILT NTWSSLSKL AANAFLAQRI SSINSISALC
EATGADVEEV ATAIGMDQRI GNKFLKASVG FGGSCFQKDV LNLVYLCEAL NLPEVARYWQ QVIDMNDYQR
RRFASRIIDS LFNTVTDKKI AILGFAFKKD TGDRESSSI YISKYLMDEG AHLHIYDPKV PREQIVVDLS
HPGVSEDDQV SRLVTISKDP YEACDGAHAV VICTEWDMMK ELDYERIHKK MLKPAFIDG RRVLDGLHNE
LQTIGFQIET IGKKVSSKRI PYAPSGEIPK FSLQDPPNKK PKV.