

Recombinant Full Length Human UGDH protein, His-SUMO-tagged

Cat. No. UGDH-3647H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UGDH protein(O60701)(1-494aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-494aa
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 kDa
AA Sequence	MFEIKKICCGAGYVGGPTCSVIAHMCPEIRVTVVDVNESRINAWNSPTLPIYEPGLKE VVESCRGKLNFFSTNIDDAIKEADLVFISVNTPTKTYGMGKGRAADLKYEACARRIV QNSNGYKIVTEKSTVPVRAAESIRRFIDANTKPNLNLQVLSNPEFLAEGTAIKDLKNP DRVLIGGDETPEGQRAVQALCAVYEHWWPREKILTTNTWSSELSKLAANAFLAQRIS SINSISALCEATGADVEEVATAIGMDQRIGNKFLKASVGFSGSCFQKDVLNLVYLCEA LNLPEVARYWQQVIDMNDYQRRRFASRIIDSLFNTVTDKKIAILGFAFKKDTGDTRES SSIIYSKYLMDEGAHLHIYDPKVPREQIVVDLSHPGVSEDDQVSRLVTISKDPYEACD GAHAVVICTEWD MFKELDYERIHKKMLKPAFIFDGRRVLDGLHNELQTIGFQIETIGK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KVSSKRIPYAPSGEIPKFSLQDPPNKKPKV

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 UGDH UDP-glucose 6-dehydrogenase [Homo sapiens]

Official Symbol UGDH

Synonyms UGDH; UDP-glucose 6-dehydrogenase; UDP glucose dehydrogenase; UDP-Glc dehydrogenase; UDP-glucose dehydrogenase; uridine diphospho-glucose dehydrogenase; GDH; UGD; UDPGDH; UDP-GlcDH;

Gene ID 7358

mRNA Refseq NM_001184700

Protein Refseq NP_001171629

MIM 603370

UniProt ID O60701

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