

Recombinant Human UGDH, GST-tagged

Cat. No. UGDH-3584H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UGDH protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-301aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

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Gene ID	7358
mRNA Refseq	NM_001184700
Protein Refseq	NP_001171629
MIM	603370
UniProt ID	O60701
Chromosome Location	4p14
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; Ascorbate and aldarate metabolism, organism-specific biosystem; Ascorbate and aldarate metabolism, conserved biosys
Function	NAD binding; UDP-glucose 6-dehydrogenase activity; electron carrier activity; oxidoreductase activity;

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