

Recombinant Human UGCG protein, His-tagged

Cat. No. UGCG-4626H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UGCG protein(Q16739)(1-394aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-394aa
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	47.7 kDa
AA Sequence	MALLDLALEGMAVFGFVFLVLWLMHFMAIIYTRLHLNKKATDKQPYSKLPGVSLKPK LKGVDPNLINNLETFIELDYPKYEVLLCVQDHDDPAIDVCKLLGKYPNV DARLFIGG KKVGINPKINNLMPGYEVAKYDLIWICDSGIRVIPDTLTDMVNMTEKVGVLVHGLPYV ADRQGFAATLEQVYFGTSHPRYYISANVTGFKCVTGMSCLMRKDVLDAQAGGLIAFA QYIAEDYFMAKAIADRGWRFAMSTQVAMQNSGSYSISQFQSRMIRWTKLRINMLPA TIICEPISECFVASLIIGWAAHHVFRWDIMVFFMCHCLAWFIFDYIQLRGVQGGTLCFS KLDYAVAWFIRESMTIYIFLSALWDPTISWRTGRYRLRCGGTAEELDV
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

GENE INFORMATION

Gene Name	UGCG UDP-glucose ceramide glucosyltransferase [Homo sapiens]
Official Symbol	UGCG
Synonyms	UGCG; UDP-glucose ceramide glucosyltransferase; ceramide glucosyltransferase; GCS; glucosylceramide synthase; GLCT-1; UDP-glucose:N-acylsphingosine D-glucosyltransferase; GLCT1;
Gene ID	7357
mRNA Refseq	NM_003358
Protein Refseq	NP_003349
MIM	602874
UniProt ID	Q16739

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