

Recombinant Human UGCG, GST-tagged

Cat. No. UGCG-3582H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UGCG protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	30-310aa
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	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;

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Gene ID	7357
mRNA Refseq	NM_003358
Protein Refseq	NP_003349
MIM	602874
UniProt ID	Q16739
Chromosome Location	9q31
Pathway	Glycosphingolipid metabolism, organism-specific biosystem; IL2 signaling events mediated by PI3K, organism-specific biosystem; Lactosylceramide biosynthesis, organism-specific biosystem; Lactosylceramide biosynthesis, conserved biosystem; Metabolic pathwa
Function	ceramide glucosyltransferase activity; transferase activity, transferring glycosyl groups;