

Active Recombinant Full Length Human UGCG Protein, His-tagged

Cat. No. UGCG-440HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Full-length human UGCG was expressed as N-terminal His-fusion protein using E.coli expression system. His-AGR2 was purified by using glutathione sepharose chromatography.
Species	Human
Source	E.coli
ProteinLength	Lys39~Leu171
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The phosphorylational ability of the protein was determined by ELISA. The substrate protein was incubated with the indicated enzyme, and after stopping kinase reaction by EDTA, the reaction solution was transferred into glutathione-coated plate. Phosphorylation was detected by anti-phospho antibody and HRP-labeled anti-rabbit IgG (or HRP-labeled anti-mouse IgG).
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

GENE INFORMATION

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Gene Name	UDP-glucose ceramide glucosyltransferase
Official Symbol	UGCG
Synonyms	UDP-glucose ceramide glucosyltransferase, GCS, GLCT1
Protein Refseq	NP_003349
UniProt ID	Q16739

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