

UGCG 抗原（重组蛋白）

中文名称：UGCG 抗原（重组蛋白）

英文名称：UGCG Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 33-195 amino acids of human UGCG

技术规格

Full name:	UDP-glucose ceramide glucosyltransferase
Synonyms:	GCS; GLCT1
Swissprot:	Q16739
Gene Accession:	BC038711
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Glycosphingolipids (GSLs) are a group of membrane components that contain lipid and sugar moieties. They are present in essentially all animal cells and are believed to have important roles in various cellular processes. UDP-glucose ceramide glucosyltransferase catalyzes the first glycosylation step in glycosphingolipid biosynthesis. The product, glucosylceramide, is the core structure of more than 300 GSLs. UGCG is widely expressed and transcription is upregulated during keratinocyte differentiation.