
UGCG Antibody Blocking Peptide

Catalog Number: bs-8593P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: bs-0701P is one synthetic peptide derived from human GCS.

GCS (glucosylceramide synthase) may serve as a 'flippase' as well as a glucosyltransferase that transfers glucose to ceramide. Able to use UDP-galactose to synthesize galactosylceramide with 10% of efficiency with which it utilizes UDP-glucose. [Catalytic activity] $\text{UDP-glucose} + \text{N-acylsphingosine} = \text{UDP} + \text{D-glucosyl-N-acylsphingosine}$. Lipid metabolism; sphingolipid metabolism. [Subcellular location] Endoplasmic reticulum membrane; Multi-pass membrane protein. Belongs to the glucosyltransferase 2 family.