



SLC35D2 blocking peptide (CDBP6141)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Nucleotide sugars, which are synthesized in the cytosol or the nucleus, are high-energy donor substrates for glycosyltransferases located in the lumen of the endoplasmic reticulum and Golgi apparatus. Translocation of nucleotide sugars from the cytosol into the lumen compartment is mediated by specific nucleotide sugar transporters, such as SLC35D2 (Suda et al., 2004 [PubMed 15082721]).[supplied by OMIM, Mar 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	SLC35D2 solute carrier family 35 (UDP-GlcNAc/UDP-glucose transporter), member D2 [Homo sapiens (human)]
Official Symbol	SLC35D2
Synonyms	SLC35D2; solute carrier family 35 (UDP-GlcNAc/UDP-glucose transporter), member D2; hfr1; HFRC1; SQV7L; UGTrel8; UDP-N-acetylglucosamine/UDP-glucose/GDP-mannose transporter; SQV7-like protein; fringe connection; UDP-N-acetylglucosamine transporter; solute carrier family 35, member D2; homolog of Fringe connection protein 1; UDP-galactose transporter-

related protein 8

Entrez Gene ID	11046
mRNA Refseq	NM_001286990
Protein Refseq	NP_001273919
UniProt ID	Q76EJ3
Pathway	Disease; Glycogen storage diseases; Glycosaminoglycan metabolism; HS-GAG biosynthesis; Heparan sulfate/heparin (HS-GAG) metabolism; Keratan sulfate biosynthesis; Keratan sulfate/keratin metabolism; MPS I - Hurler syndrome
Function	nucleotide-sugar transmembrane transporter activity