

Human Slc35D1 blocking peptide (CDBP2705)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-Slc35D1 antibody
Antigen Description	Glycosylation of cellular glycoconjugates occurs in the endoplasmic reticulum (ER) and Golgi compartment, and requires transport of nucleotide sugars from the cytosol into the lumen of the ER and Golgi by specific transporters. The protein encoded by this gene resides in the ER, and transports both UDP-glucuronic acid (UDP-GlcA) and UDP-N-acetylgalactosamine (UDP-GalNAc) from the cytoplasm to the ER lumen. It may participate in glucuronidation and/or chondroitin sulfate biosynthesis. Mutations in this gene are associated with Schneckenbecken dysplasia.[provided by RefSeq, Sep 2009]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 μg/ml
Size	50 μg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20℃, stable for one year.

GENE INFORMATION

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Gene Name	SLC35D1 solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylgalactosamine dual transporter), member D1 [Homo sapiens]
Official Symbol	Slc35D1
Synonyms	SLC35D1; solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylgalactosamine dual transporter), member D1; UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter; KIAA0260; UGTREL7; UDP-GlcA/UDP-GalNAc transporter; solute carrier family 35 member D1; UDP-galactose transporter-related 7; UDP-galactose transporter-related protein 7; MGC138236;
Entrez Gene ID	23169
mRNA Refseq	NM_015139
Protein Refseq	NP_055954
UniProt ID	Q9NTN3
Chromosome Location	1p32-p31
Pathway	Biological oxidations, organism-specific biosystem; Formation of the active cofactor, UDP-glucuronate, organism-specific biosystem; Glucuronidation, organism-specific biosystem; Metabolism, organism-specific biosystem; Phase II conjugation, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	UDP-N-acetylgalactosamine transmembrane transporter activity; UDP-glucuronic acid transmembrane transporter activity;

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