



## Human Slc35D1 blocking peptide (CDBP2706)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Blocking peptide for anti-Slc35D1 antibody
<b>Antigen Description</b>	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]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS containing 0.02% sodium azide
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C, stable for one year.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">SLC35D1 solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylgalactosamine dual</a>
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[transporter\), member D1 \[ Homo sapiens \]](#)

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<b>Official Symbol</b>	Slc35D1
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">23169</a>
<b>mRNA Refseq</b>	<a href="#">NM_015139</a>
<b>Protein Refseq</b>	<a href="#">NP_055954</a>
<b>UniProt ID</b>	Q9NTN3
<b>Chromosome Location</b>	1p32-p31
<b>Pathway</b>	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;
<b>Function</b>	UDP-N-acetylgalactosamine transmembrane transporter activity; UDP-glucuronic acid transmembrane transporter activity;

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