

Recombinant Human SLC35A2 293 Cell Lysate

Cat. No. SLC35A2-1734HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for solute carrier family 35 (UDP-galactose transporter), member A2 (SLC35A2), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

SLC35A2 solute carrier family 35 (UDP-galactose transporter), member A2 [Homo sapiens]

Official Symbol

SLC35A2

Synonyms

SLC35A2; solute carrier family 35 (UDP-galactose transporter), member A2; solute carrier family 35 (UDP galactose transporter), member 2 , UGALT; UDP-galactose translocator; UGAT; UGT; UGT1; UGT2; UGTL; UDP-Gal-Tr; UDP-galactose transporter; solute carrier family 35 member A2; solute carrier family 35 (UDP-galactose transporter), member 2; UGALT;

Gene ID

7355

mRNA Refseq

NM_001032289

Protein Refseq

NP_001027460

MIM

314375

UniProt ID

P78381

Chromosome Location

Xp11.23-p11.22

Pathway

SLC-mediated transmembrane transport, organism-specific biosystem;

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Transmembrane transport of small molecules, organism-specific biosystem; Transport of nucleotide sugars, organism-specific biosystem; Transport of vitamins, nucleosides, and related molecules, organism-specific biosystem;

Function

UDP-galactose transmembrane transporter activity; nucleotide-sugar transmembrane transporter activity; sugar:hydrogen symporter activity;

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