Recombinant Full Length Human SLC29A1 Protein, C-Flag-tagged

Cat. No. SLC29A1-1370HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SLC29A1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene is a member of the equilibrative nucleoside transporter family. The gene encodes a transmembrane glycoprotein that localizes to the plasma and mitochondrial membranes and mediates the cellular uptake of nucleosides from the surrounding medium. The protein is categorized as an equilibrative (as opposed to concentrative) transporter that is sensitive to inhibition by nitrobenzylthioinosine (NBMPR). Nucleoside transporters are required for nucleotide synthesis in cells that lack de novo nucleoside synthesis pathways, and are also necessary for the uptake of cytotoxic nucleosides used for cancer and viral chemotherapies. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50 kDa
AA Sequence	MTTSHQPQDRYKAVWLIFFMLGLGTLLPWNFFMTATQYFTNRLDMSQNVSLVTAEL SKDAQASAAPAAPL PERNSLSAIFNNVMTLCAMLPLLLFTYLNSFLHQRIPQSVRILG

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

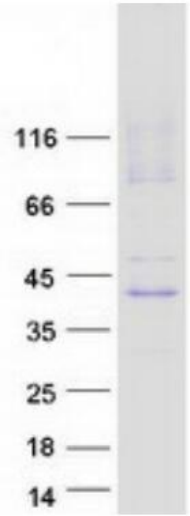
	SLVAILLVFLITAILVKVQLDALPFF VITMIKIVLINSFGAILQGSLFGLAGLLPASYTAPI MSGQGLAGFFASVAMICAIASGSELSESAFGYFI TACAVIILTIICYLGLPRLEFYRYYQ QLKLEGPGEQETKLDLISKGEEPRAGKEESGVSVSNSQPTNESH SIKAILKNISVLAF SVCFIFTITIGMFPAVTVEVKSSIAGSSTWERYFIPVSCFLTFNIFDWLGRSLTAV FMW PGKDSRWLPSLVLARLVFVPLLLLCNIKPRRYLTVVFEHDAWFIFFMAAFAFSNGYLA SLCMCFGPK KVKPAEAETAGAIMAFFLCLGLALGAVFSFLFRAIVTRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	SLC29A1 solute carrier family 29 member 1 (Augustine blood group) [Homo sapiens (human)]
Official Symbol	SLC29A1

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	ENT1
Gene ID	2030
mRNA Refseq	NM_001078177.2
Protein Refseq	NP_001071645.1
MIM	602193
UniProt ID	Q99808



Coomassie blue staining of purified SLC29A1 protein.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA