

Recombinant Full Length Human SLC29A2 Protein, C-Flag-tagged

Cat. No. SLC29A2-1812HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SLC29A2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The uptake of nucleosides by transporters, such as SLC29A2, is essential for nucleotide synthesis by salvage pathways in cells that lack de novo biosynthetic pathways. Nucleoside transport also plays a key role in the regulation of many physiologic processes through its effect on adenosine concentration at the cell surface.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.9 kDa
AA Sequence	MARGDAPRDSYHLVGISFFILGLGTLLPWNFFITAIPYFQARLAGAGNSTARILSTNHT GPEDAFNFNW VTLLSQLPLLLFTLLNSFLYQCVPETVRILGSLLAILLFALTAALVK VDMSPGPFFSITMASVCFINSF SAVLQGSFLGQLGTMPSTYSTLFLSGQGLAGIFAA LAMLLSMASGVDAETSALGYFITPCVGILMSIVCY LSLPHLKFARYYLANESSQAQA QELETKAELLQSDENGIPSSPQKVALTLDLDLEKEPESEPDEPQKPGK PSVFTVFQK IWLTA LCLVLVFTVTL SVFPAITAMVTSSTSPGKWSQFFNPICCFLLFNIMDWLGRSLT SY FLWPDEDSRLLPLL VCLRFLFVPLFMLCHVPQRSRLPILFPQDAYFITFMLLFAVS

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	NGYLVSLTMCLAPR QVLPHEREVAGALMTFFLALGLSCGASLSFLFKALLTRTRPLEQKLISEEDLAANDILD 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	SLC29A2 solute carrier family 29 member 2 [Homo sapiens (human)]
Official Symbol	SLC29A2
Synonyms	ENT2; DER12; HNP36
Gene ID	3177
mRNA Refseq	NM_001532.3

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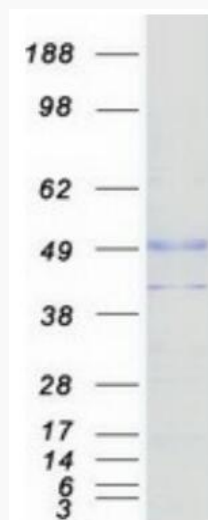
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Protein Refseq NP_001523.2

MIM 602110

UniProt ID Q14542



Coomassie blue staining of purified SLC29A2 protein.

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