

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	MARGDAPRDSYHLVGISFFILGLGTLTPWNFFITAIPYFQARLAGAGNSTARILSTNHT GPEDAFNFNNW VTLLSQLPLLLFTLLNSFLYQCVPETVRILGSLLAILLFALTAALVK VDMSPGPFSSITMASVCFINSF SAVLQGSFLGQLGTMPSTYSTLFLSGQGLAGIFAA LAMLLSMASGVDAETSALGYFITPCVILMSIVCY LSLPHLKFARYYLANKSSQAQA QELETKAELLQSDENGIPSSPQKVALTLDLLEKEPESEPEPQKPGK PSVFTVFQK IWLTAALCLVLVFTVTLVFPVPAITAMVTSSTSPGKWSQFFNPICCFLLFNIMDWLGRSLT SY FLWPDEDSRLLPLLVCLRFLFVPLFMLCHVPQRSRLPILFPQDAYFITMLLFAVS

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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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Protein Refseq NP_001523.2

MIM 602110

UniProt ID Q14542



Coomassie blue staining of purified SLC29A2 protein.

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