

Recombinant Human SLC29A2 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. SLC29A2-354H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SLC29A2 MS Standard C13 and N15-labeled recombinant protein (NP_001523) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 (Griffiths et al., 1997 [PubMed 9396714]). [supplied by OMIM, Nov 2008]
Molecular Mass	50.1 kDa
AA Sequence	MARGDAPRDSYHLVGISFFILGLGTLLPWNFFITAIPYFQARLAGAGNSTARILSTNHT GPEDAFNFNNWVTLLSQLPLLLFTLLNSFLYQCVPETVRILGSLLAILLLFALTAALVKV DMSPGPFFSITMASVCFINSFSAVLQGSFLGQLGTMPSTYSTLFLSGQGLAGIFAALA MLLSMASGVDAETSALGYFITPCVGILMSIVCYLSLPHLKFARYYLANKSSQAQAQEL ETKAELLQSDENGIPSSPQKVALTLDLDLEKEPESEPDEPQKPGKPSVFTVFQKIWLT ALCLVLVFTVTLVSFPAITAMVTSSTSPGKWSQFFNPICCFLLFNIMDWLGRSLTSYF LWPDEDSRLLPLLVLCLRFLFVPLFMLCHVPQRSRLPILFPQDAYFITFMLLFAVSNKY LVSLTMCLAPRQVLPHEREVAGALMTFFLALGLSCGASLSFLFKALLTRTRPLEQKLI

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

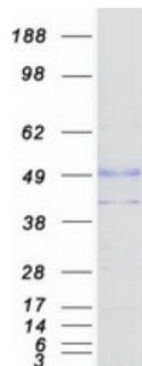
GENE INFORMATION

Gene Name	SLC29A2 solute carrier family 29 (nucleoside transporters), member 2 [Homo sapiens (human)]
Official Symbol	SLC29A2
Synonyms	ENT2; DER12; HNP36
Gene ID	3177
mRNA Refseq	NM_001532
Protein Refseq	NP_001523
MIM	602110
UniProt ID	Q14542

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SDS-PAGE

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