

Product datasheet for TP310776

ENT2 (SLC29A2) (NM_001532) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 29 (nucleoside transporters), member 2 (SLC29A2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210776 protein sequence Red =Cloning site Green =Tags(s)

MARGDAPRDSYHLVGISFFILGLGTLLPWNFFITAIPYFQARLAGAGNSTARILSTNHTGPEDAFNFNW
VTLLSQLPLLLFTLLNSFLYQCVPETVRILGSLLAILLFALTAALVKVDMSPGPFESITMASVCFINSF
SAVLQGSFLGQLGTMPSTYSTLFLSGQGLAGIFAALAMLLSMASGVDAETSALGYFITPCVIGILMSIVCY
LSLPHLKFARYLANKSSQAQAQELETKAELLQSDENGIPSSPQKVALTLDLLEKEPESEPDEPQKPGK
PSVFTVFQKIWLALCLVLVFTVTLVFPVPAITAMVTSSTSPGKWSQFFNPICCFLLFNIMDWLGRSLTSY
FLWPDEDSRLLPLLVLCLRFLVPLFMLCHVQSRSLPILFPQDAYFITFMLLFAVSNGLVSLTMCLAPR
QVLPHEREVAGALMTFFLALGLSCGASLSFLFKALL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	49.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001523](#)

Locus ID: 3177

UniProt ID: [Q14542](#), [Q96FB2](#)

RefSeq Size: 2529

Cytogenetics: 11q13.2

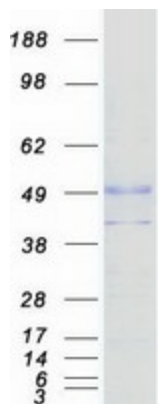
RefSeq ORF: 1368

Synonyms: DER12; ENT2; HNP36

Summary: 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]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified SLC29A2 protein (Cat# TP310776). The protein was produced from HEK293T cells transfected with SLC29A2 cDNA clone (Cat# [RC210776]) using MegaTran 2.0 (Cat# [TT210002]).