

## Product datasheet for TP301177M

### ENT1 (SLC29A1) (NM\_001078177) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 29 (nucleoside transporters), member 1 (SLC29A1), nuclear gene encoding mitochondrial protein, transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201177 representing NM_001078177 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTTSHQPQDRYKAVWLIFFMLGLGTLTPWNFFMTATQYFTNRLDMSQNVSLVTAELSKDAQASAAPAAPL  
PERNSLSAIFNNVMTLCAMLPLLLFTYLNLSFLHQRIPQSVRILGSLVAILLVFLITAILVKVQLDALPFF  
VITMIKIVLINSFGAILQGSFLGLAGLLPASYTAPIMSGQGLAGFFASVAMICAIASGSELSAFAFYFI  
TACAVIILTIIICYLGLPRLEFYRYQQKLEGPGEQETKLDLISKGEEPRAKGEESGVSVSNSQPTNESH  
SIKAILKNISVLAFSVCFITITIGMFPVAVTVEVKSSIAGSSTWERYFIPVSCFLT FNIFDWLGRSLTAV  
FMWPGKDSRWLPSLVLARLVFVPLLLLCNIKPRRYLTVVFEHDAWFIFFMAAFASNGYLASLCMCFGPK  
KVKPAEAETAGAIMAFFLCLGLALGAVFSFLFRAIV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	50 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\\_001071645](#)

Locus ID: 2030

UniProt ID: [Q99808](#)

RefSeq Size: 2503

Cytogenetics: 6p21.1

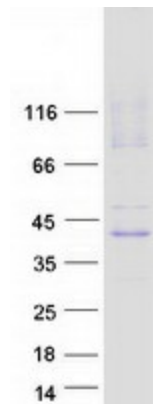
RefSeq ORF: 1368

Synonyms: ENT1

**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified SLC29A1 protein (Cat# [TP301177]). The protein was produced from HEK293T cells transfected with SLC29A1 cDNA clone (Cat# [RC201177]) using MegaTran 2.0 (Cat# [TT210002]).