

Datasheet for ABIN7555427
SLC28A1 Protein (AA 1-649) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC28A1
Protein Characteristics:	AA 1-649
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC28A1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SLC28A1 Protein expressed in mammalien cells.
Sequence:	<p>MENDPSRRRE SISLTPVAKG LENMGADFLE SLEEGQLPRS DLSPAIEIRSS WSEAAPKPFSS RWRNLQPALR ARSFCREHMV LFRWIGTGLL CTGLSAFLLV ACLLDQFQAL ALFVLTCCVVL TFLGHRLLKR LLGPKLRRFL KPQGHPRLLL WFKRGLALAA FLGLVLWLSL DTSQRPEQLV SFAGICVFVA LLFACSKHHC AVSWRAVSWG LGLQFVLGLL VIRTEPGFIA FEWLGEQIRI FLSYTKAGSS FVFGEALVKD VFAFQVLPPI VFFSCVISVL YHVGLMQWVI LKIAWLMQVT MGTTATETLS VAGNIFVSQT EAPLLIRPYL ADMTLSEVHV VMTGGYATIA GSLLGAYISF GIDATSLIAA SVMAAPCALA LSKLVYPEVE ESKFRREEGV KLTYGDAQNL IEAASGAAI SVKVVANIAA NLIAFLAVLD FINAALSWLG DMVDIQGLSF QLICSYILRP VAFLMGVAWE DCPVVAELLG IKLFLNEFVA YQDLSKYKQR RLAGAEWVG DRKQWISVRA EVLTTFFALCG FANFSSIGIM LGGLTSMVPQ RKSDFSQIVL RALFTGACVS LVNACMAGIL YMPRGAEVDC MSLLNTTLSS SSFEIQCCR EAFQSVNPEF SPEALDNCCR FYNHTICAQ Sequence without tag.</p>

The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

SLC28A1

Alternative Name:

SLC28A1 ([SLC28A1 Products](#))

Background:

Sodium/nucleoside cotransporter 1 (Concentrative nucleoside transporter 1) (CNT 1) (hCNT1) (Na⁺)/nucleoside cotransporter 1) (Sodium-coupled nucleoside transporter 1) (Solute carrier family 28 member 1),FUNCTION: Sodium and pyrimidine nucleoside symporter of the plasma membrane that imports uridine, thymidine and cytidine into cells by coupling their transport to the transmembrane sodium electrochemical gradient. Also transports adenosine, an atypical substrate transported with high apparent affinity, but low maximum velocity. Therefore, exhibits the transport characteristics of the nucleoside transport system cit or N2 subtype (N2/cit) (PubMed:9124315, PubMed:10455109, PubMed:14701834, PubMed:15194733, PubMed:21795683, PubMed:21998139, PubMed:32126230, PubMed:30658162). Involved in renal nucleoside (re)absorption (PubMed:30658162). {ECO:0000269|PubMed:10455109,

Target Details

ECO:0000269|PubMed:14701834, ECO:0000269|PubMed:15194733,
ECO:0000269|PubMed:21795683, ECO:0000269|PubMed:21998139,
ECO:0000269|PubMed:30658162, ECO:0000269|PubMed:32126230,
ECO:0000269|PubMed:9124315}.

Molecular Weight: 71.6 kDa

UniProt: [O00337](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months