

Datasheet for ABIN7562642

SLC28A2 Protein (AA 1-660) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC28A2
Protein Characteristics:	AA 1-660
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC28A2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Slc28a2 Protein expressed in mammalian cells.
Sequence:	<p>MEKSKGRKSV SQATVENCME NPGLELMEGG NLEQRYTQEE VTQGHSLLEDG LGHSSLWSRR</p> <p>IFQPFTKARS FFERHAGLFR KILLGLLCLA YAAFLAACI LNFQRALALF VITCLVIFIL ACHFLKKFFP</p> <p>KEQLRCLKPL ENTHLNLWAK RVFVGLSVVG LILWLALDTA QRPEQLISFA GICMFILIF</p> <p>ACSKHHSAVC WRTVFWGLGL QFIFGILVIR TEPGFNAFQW LGDQIQIFLA YTEGSSSFVF</p> <p>GDTLVQNVFA FQSLPIIIF GCVMSILYYL GLVQWVIQKV AWFLQITMGT TAAETLAVAG</p> <p>NIFVGMTEAP LLIRPYLADM TISEIHAVMT GGFATIAGTV LGAFISFGID ASSLISASVM</p> <p>AAPCALALSK LVYPEVEESK FKSKEGLKLP RGEERNILEA ASNGATDAIS LVANVAANLI</p> <p>AFLAVLAFIN ATLSWLGMV DIHGLSFQVI CSYVLRPMVF MMGVQWADCP LVAEIVGVKF</p> <p>FINEFVAYQQ LSQYKNKRLS GVEEWINGEK QWISVKAELI TTFSLCGFAN LSSIGITLGG</p> <p>LTSMIPQRKS DLCKIVVRAL FTGACVSFIS ACMAGILYVP RGAETDCVSF LNTNFTNRTY</p> <p>ETVYCCRELF QSTSLNGTNM PSFSGPWQDN VSSLRNLASC CDLYTSTVCA Sequence without</p>

tag. 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:

SLC28A2

Alternative Name:

Slc28a2 ([SLC28A2 Products](#))

Background:

Sodium/nucleoside cotransporter 2 (Concentrative nucleoside transporter 2) (CNT 2) (Na(+)/nucleoside cotransporter 2) (Sodium-coupled nucleoside transporter 2) (Sodium/purine nucleoside cotransporter) (SPNT) (Solute carrier family 28 member 2),FUNCTION: Sodium-dependent and purine-selective transporter. Exhibits the transport characteristics of the nucleoside transport system cif or N1 subtype (N1/cif) (selective for purine nucleosides and uridine). Plays a critical role in specific uptake and salvage of purine nucleosides in kidney and other tissues. May contribute to regulate the transport of organic compounds in testes across the blood-testis-barrier (By similarity). {ECO:0000250|UniProtKB:O43868}.

Molecular Weight:

72.9 kDa

Target Details

UniProt: [O88627](#)

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