

Datasheet for ABIN7565052

SLC28A3 Protein (AA 1-703) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC28A3
Protein Characteristics:	AA 1-703
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC28A3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc28a3 Protein expressed in mammalian cells.
Sequence:	<p>MSRADPGKNS EPSESKMSLE LRPTAPSDLG RSNEAFQDED LERQNTPGNS TVRNRVVQSG</p> <p>EQGHAKQDDR QITIEQEPLG NKEDPEDDSE DEHQKGFLER KYDTICEFCR KHRVVLSTI</p> <p>WAVLLTGFLA LVIAACAINF HRALPLFVIT LVTIFFVIWD HLMAYEQRI DDFLSPGRRL</p> <p>LDRHWFWLKW VVWSSLILAI ILWLSLDTAK LGQQNLVSFG GLIMYLILLF LFSKHPTRVY</p> <p>WRPVFWGIGL QFLLGILLIR TRPGFVAFDW MGRQVQTFGL YTDTGARFVF GEKYTDHFFA</p> <p>FKILPIVVF STVMSMLYYL GLMQWIIRKV GWLMLVTMGS SPIESVVAAG NIFIGQTESP</p> <p>LLVQPYLPHV TKSELHTIMT AGFATIAGSV LGAYISFGVS STHLLTASVM SAPAALAVAK</p> <p>LFWPETECPK ITLKSAMKME NGDSRNLLA ASQGASSIP LVANIAANLI AFLALLSFVN</p> <p>SALSWFGSMF NYPELSFELI CSYIFMPFSF MMGVDWQDSF MVAKLIGYKT FFNEFVAYDH</p> <p>LSKLINLRKA AGPKFVNGVQ QYMSIRSETI ATYALCGFAN FGSLGIVIGG LTSIAPSRKR</p> <p>DIASGAMRAL IAGTIACFMT ACIAGILSDT PVDINCHHVL ENGRVLSNTT EVVSCCQNL</p>

NSTVAKGPND VPPGGNFSLY ALKSCCNLLK PPTLNCNWIP NKL **Sequence without 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:

SLC28A3

Alternative Name:

Slc28a3 ([SLC28A3 Products](#))

Background:

Solute carrier family 28 member 3 (Concentrative Na⁽⁺⁾-nucleoside cotransporter 3) (CNT 3) (mCNT3), FUNCTION: Sodium-dependent, pyrimidine- and purine-selective (PubMed:11032837). Involved in the homeostasis of endogenous nucleosides (PubMed:11032837). Exhibits the transport characteristics of the nucleoside transport system cib or N3 subtype (N3/cib) (with marked transport of both thymidine and inosine) (PubMed:11032837). Employs a 2:1 sodium/nucleoside ratio (PubMed:11032837). Also able to transport gemcitabine, 3'-azido-3'-deoxythymidine (AZT), ribavirin and 3-deazauridine (By similarity). {ECO:0000250|UniProtKB:Q9HAS3, ECO:0000269|PubMed:11032837}.

Molecular Weight:

78.3 kDa

Target Details

UniProt: [Q9ERH8](#)

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