

Datasheet for ABIN7551658
SLC6A18 Protein (AA 1-628) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC6A18
Protein Characteristics:	AA 1-628
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC6A18 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SLC6A18 Protein expressed in mammalien cells.
Sequence:	<p>MAHAPEPDPA ACDLGDERPK WDNKAQYLLS CTGFAVGLGN IWRFPYLCQT YGGGAFLIPY VIALVFEGIP IFHVELAIGQ RLRKGSVGVW TAISPYLSGV GLGCVTLSFL ISLYYNTIVA WVLWYLLNSF QHPLPWSSCP PDLNRTGFVE ECQGSSAVSY FWYRQTLNIT ADINDSGSIQ WLLICLAAS WAVVYMCVIR GIETTGVYIY FTALFPYLVL TIFLIRGLTL PGATKGLIYL FTPNMHILQN PRWLDAAATQ IFFSLSLAFG GHIAFASYNS PRNDCQKDAV VIALVNRMTS LYASIAVFSV LGFKATNDYE HCLDRNILSL INDFDFPEQS ISRDDYPAVL MHLNATWPKR VAQLPLKACL LEDFLDKSAS GPGLAFVVFT ETDLHMPGAP VWAMLFFGML FTLGLSTMFG TVEAVITPLL DVGVLPRWVP KEALTGLVCL VCFLSATCFT LQSGNYWLEI FDNFAASPNL LMLAFLEVVG VVYVYGMKRF CDDIAWMTGR RPSPYWRLTW RVVSPLLLTI FVAYIILLFW KPLRYKAWNP KYELFPSRQE KLYPGWARAA CVLLSLLPVL WVPVAALAQL LTRRRRTWRD RDARPD TDMR PDTDTRPDTD MRPD TDMR Sequence without tag. The proposed Purification-</p>

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:

SLC6A18

Alternative Name:

SLC6A18 ([SLC6A18 Products](#))

Background:

Inactive sodium-dependent neutral amino acid transporter B(0)AT3 (Sodium- and chloride-dependent transporter XTRP2) (Solute carrier family 6 member 18) (System B(0) neutral amino acid transporter AT3),FUNCTION: Does not show neutral amino acid transporter activity. {ECO:0000269|PubMed:26240152}.

Molecular Weight:

70.9 kDa

UniProt:

[Q96N87](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

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
