

Datasheet for ABIN7551648

SLC38A6 Protein (AA 1-456) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC38A6
Protein Characteristics:	AA 1-456
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC38A6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SLC38A6 Protein expressed in mammalian cells.
Sequence:	MEASWGSFNA ERGWYVSVQQ PEEAEAEELS PLLSNELHRQ RSPGVSFGLS VFNLMNAIMG SGILGLAYVL ANTGVFGFSF LLLTVALLAS YSVHLLSMC IQTAVTSYED LGLFAFGLPG KLVVAGTIII QNIGAMSSYL LIIKTELPAA IAEFLTGDYS RYWYLDGQTL LIIICVGIVF PLALLPKIGF LGYTSSLSFF FMMFFALVVI IKKWSIPCPL TLNYVEKGFQ ISNVTDDCKP KLFHFSKESA YALPTMAFSF LCHTSILPIY CELQSPSKKR MQNVTNTAIA LSFLIYFISA LFGYLTIFYDK VESELLKGYS KYLSHDVVVM TVKLCILFAV LLTVPLIHFP ARKAVTMMFF SNFPFSWIRH FLITLALNII IVLLAIYVPD IRNVFGVGA STSTCLIFIF PGLFYLKLSR EDFLSWKKLG AFVLLIFGIL VGNFSLALII FDWINK 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:

Product Details

- 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: SLC38A6

Alternative Name: SLC38A6 ([SLC38A6 Products](#))

Background: Solute carrier family 38 member 6 (Amino acid transporter SLC38A6) (N-system amino acid transporter 1) (NAT-1),FUNCTION: Amino acid transporter with an apparent selectivity for L-glutamine and L-glutamate. May facilitate glutamine uptake in excitatory neurons. The transport mechanism remains to be elucidated. {ECO:0000250|UniProtKB:G3UWV3}.

Molecular Weight: 50.9 kDa

UniProt: [Q8IZM9](#)

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