

Datasheet for ABIN7551649

SLC38A8 Protein (AA 1-435) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC38A8
Protein Characteristics:	AA 1-435
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC38A8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC38A8 Protein expressed in mammalian cells.
Sequence:	MEGQTPGSRG LPEKPHPATA AATLSSMGAV FILMKXSALGA GLLNFPWAFS KAGGVVPAFL VELVSLVFLI SGLVILGYAA AVSGQATYQG VVRGLCGPAI GKLCEACFLL NLLMISVAFL RVIGDQLEKL CDSLLSGTTP APQPWYADQR FTLPLLSVLV ILPLSAPREI AFQKYTSILG TLAACYLALV ITVQYYLWPQ GLVRESHPSL SPASWTSVFS VFPTICFGFQ CHEAAVSIYC SMRKRSLSHW ALVSVLSLLA CCLIYSLTGV YGFLTFGTEV SADVLMSYPG NDMVIIVARV LFAVSIVTVY PIVLFLGRSV MQDFWRRSCL GGWGPSALAD PSLGWVRMPL TILWVTVTLA MALFMPDLSE IVSIIGGISS FFIIFPGLC LICAMGVEPI GPRVKCCLEV WGVSVLVGT FIFGQSTAAA VWEMF 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

SLC38A8

Alternative Name:

SLC38A8 ([SLC38A8 Products](#))

Background:

Solute carrier family 38 member 8 (Amino acid transporter SLC38A8),FUNCTION: Electrogenic sodium-dependent amino acid transporter with a preference for L-glutamine, L-alanine, L-histidine, L-aspartate and L-arginine. May facilitate glutamine uptake in both excitatory and inhibitory neurons. The transport mechanism and stoichiometry remain to be elucidated. {ECO:0000250|UniProtKB:Q5HZH7}.

Molecular Weight:

46.7 kDa

UniProt:

[A6NNN8](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. 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