

Datasheet for ABIN7558699
SLC6A17 Protein (AA 1-727) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC6A17
Protein Characteristics:	AA 1-727
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC6A17 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc6a17 Protein expressed in mammalian cells.
Sequence:	MPKNSKVTQR EHSNEHVTES VADLLALEEP VDYQSVLNV AGETGGKQKV AEEELDTEDR PAWNSKLQYI LAQIGFSVGL GNIWRFPYLC QKNGGGAYLV PYLVLLIIIG IPLFFLELAV GQRIRRGSIG VWHYVCPRLG GIGFSSCIVC LFGVLYYNNVI IGWSVFYFFK SFQYPLPWSE CPVIRNGTVA VVEPECEKSS ATTYFWYREA LDISNSISES GGLNWKMTLC LLVAWSIVGM AVVKGIQSSG KVMYFSSLFP YVVLACFLVR GLLLRGAVDG ILHMFTPKLD KMLDPQVWRE AATQVFFALG LGFGGVIAFS SYNKQDNNCH FDAALVSFIN FFTSVLATLV VFAVLGFKAN IMNEKCVVEN AEKILGYLNS NVLSRDLIPP HVNFSHLTTK DYSEMYSVIM TVKEKQFPAL GLDPCLLEDE LDKSVQGTGL AFIAFTEAMT HFPASPFWSV MFFLMLINLG LGSMIGTMAG ITTPIIDTFK VPKEMFTVGC CVFAFFVGLL FVQRSGNYFV TMFDDYSATL PLTVIVILEN IAVAWIYGTK KFMQELTEML GFQPYRFYFY MWKFSPLCM AVLTTASIIQ LGVSPPGYSA WIKKEEAERY LYFPNWAMAL LITLIAVATL PIPVVFILRH FHLLSDGSNT LSVSYKKGRM MKDISNLEEN DETRFILSKV PSEAPSPMPT HRSYLGPGST SPLDNSNNPN GRYGSGYLLA

Product Details

STPESEL **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.

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: SLC6A17

Alternative Name: Slc6a17 ([SLC6A17 Products](#))

Background: Sodium-dependent neutral amino acid transporter SLC6A17 (Sodium-dependent neurotransmitter transporter NTT4) (Solute carrier family 6 member 17),FUNCTION: Synaptic vesicle transporter with apparent selectivity for neutral amino acids. The transport is sodium-coupled but chloride-independent, likely driven by the proton electrochemical gradient generated by vacuolar H(+)-ATPase in an overall electrogenic mechanism. May contribute to the synaptic uptake of neurotransmitter precursors in a process coupled in part to vesicle exocytosis. {ECO:0000250|UniProtKB:P31662}.

Target Details

Molecular Weight: 81.1 kDa

UniProt: [Q8BJI1](#)

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