

Datasheet for ABIN7564327  
**SLC6A15 Protein (AA 1-729) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SLC6A15
Protein Characteristics:	AA 1-729
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC6A15 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Slc6a15 Protein expressed in mammalian cells.
Sequence:	MPKNSKVVKR DLDDDVIESV KDLLSNEDSV EEVSKKSELI VDVQEEKDTD AEDGSEADDE RPAWNSKLQY ILAQVGF SVG LGNVWRFPYL CQKNGGGAYL LPYLILLVI GIPLFFLELS VGQRIRRSI GVVNYISPKL GGIGFASCVV CYFVALYYNV IIGWTLFYFS QSFQQPLPWD QCPLVKNASH TYVEPECEQS SATTYYWYRE ALDITSSISD SGGLNWKMTV CLLVAWVMVC LAMIKGIQSS GKIMYFSSLF PYVVLICFLI RSLLLNGSID GIRHMFTPKL EMMLEPKVWR EAATQVFFAL GLGFGGVIAF SSYNKRDNNC HFDAVLVSFI NFFTSVLATL VFAVLGFKA NIVNEKCISQ NSEMILKLLK MGNISWDVIP HHINLSAVTV EDYRLVYDII QKVKEEEFAV LHLNACQIED ELNKAVQGTG LAFIAFTEAM THFPASPFWS VMFFLMLINL GLGSMFGTIE GIITPIVDTF KVRKEILTVI CCLLAFICIGL IFVQRSGNYF VTMFDDYSAT LPLLIVILE NIAVSFVYGI DKFIEDLTDMLGFAPSKYYY YMWKYISPLM LLTLLIASIV NMGLSPPGYN AWIKEKASEE FLSYPMWGMV VCFSLMVLAI LPVPVVFIR RCNLIDDSSG NLASVTYKRG RVLKEPVNLE GDDASLIHGK IPSEMSSPNF GKNIRKQSG SPTLDTAPNG RYGIGYLMAD MPDMPESDL

**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

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**Target:** SLC6A15

**Alternative Name:** Slc6a15 ([SLC6A15 Products](#))

**Background:** Sodium-dependent neutral amino acid transporter B(0)AT2 (Sodium- and chloride-dependent neurotransmitter transporter NTT73) (Solute carrier family 6 member 15) (Transporter v7-3),FUNCTION: Functions as a sodium-dependent neutral amino acid transporter. Exhibits preference for methionine and for the branched-chain amino acids, particularly leucine, valine and isoleucine. Can also transport low-affinity substrates such as alanine, phenylalanine, glutamine and pipercolic acid (PubMed:16185194). Mediates the saturable, pH-sensitive and electrogenic cotransport of proline and sodium ions with a stoichiometry of 1:1. May have a role as transporter for neurotransmitter precursors into neurons. In contrast to other members

## Target Details

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of the neurotransmitter transporter family, does not appear to be chloride-dependent (By similarity). {ECO:0000250|UniProtKB:Q9H2J7, ECO:0000269|PubMed:16185194}.

Molecular Weight: 81.8 kDa

UniProt: [Q8BG16](#)

## Application Details

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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

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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