

Datasheet for ABIN7564178  
**SLC6A5 Protein (AA 1-799) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SLC6A5
Protein Characteristics:	AA 1-799
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC6A5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Slc6a5 Protein expressed in mammalian cells.
Sequence:	<p>MDCSAPKEMN KQPANILEAA VPGHRDSPRA PRTSPEQDLP AEAPAATVQP PRVPRSASTG AQTFQSADAR ACEAQQSGVG FCNLSSPRAQ ATSAALRDLS EGHSAQANPP SGPAGAGNAL HCKIPALRGP EEDANVSVGK GTLEHNNTPA VGWVNMSQST VVLGTDGIAS VLPGSVATTT IPEDEQGDEN KARGNWSSKL DFILSMVGYA VGLGNVWRFP YLAFQNGGGA FLIPYLMMLA LAGLPIFFLE VSLGQFASQG PVSVWKAIPA LQGCGIAMLI ISVLIAIYYN VIICYTLFYF FASFVSVLPW GSCNNPWNTPECKDKTKLLL DSCVIGDHPK IQIKNSTFCM TAYPNLTMVN FTSQTNKTFV SGSEEYFKYF VLKISAGIEY PGEIRWPLAF CLFLAWVIVY ASLAKGIKSS GKVVYFTATF PYVVLVILLI RGVTLPGAGA GIWYFITPKW EKLTDATVWK DAATQIFFSL SAAWGGLITL SSYNKFHNNC YRDTLIVTCT NSATSIFAGF VIFSVIGFMA NERKVNIENV ADQGPPIAFV VYPEALTRLP LSPFWAIIFF LMLLTLGLDT MFATIETIVT SISDEFPKYL RTHKPVFTLG CCICFFIMGF PMITQGGIYM FQLVDTYAAS YALVIIAIFE LVGISVYVYGL QRFCEDIEMM IGFKPNIFWK VCWAFVTPTI LTFILCFSEFY QWEPMTYGSY RYPNWSMVLG WLMLACSVIW</p>

## Product Details

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IPIMFVIKMY LAPGRFIERL KLVCSQPQDW GPFLAQHRGE RYKNMIDPLG TSSLGLKLPV  
KDLELGTQC **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: SLC6A5

Alternative Name: Slc6a5 ([SLC6A5 Products](#))

Background: Sodium- and chloride-dependent glycine transporter 2 (GlyT-2) (GlyT2) (Solute carrier family 6 member 5),FUNCTION: Sodium- and chloride-dependent glycine transporter. Terminates the action of glycine by its high affinity sodium-dependent reuptake into presynaptic terminals. May be responsible for the termination of neurotransmission at strychnine-sensitive glycinergic synapses (By similarity). {ECO:0000250|UniProtKB:P58295}.

Molecular Weight: 87.9 kDa

## Target Details

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UniProt: [Q761V0](#)

## 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