

Datasheet for ABIN7563121  
**SLC6A11 Protein (AA 1-627) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SLC6A11
Protein Characteristics:	AA 1-627
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC6A11 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Slc6a11 Protein expressed in mammalien cells.
Sequence:	MTAEQALPLG NGKAAEEARG SETLGGGGGG AAGTREARDK AVHERGHWNN KVEFVLSVAG EIIGLGNVWR FPYLCYKNGG GAFLIPYVVF FICCGIPVFF LETALGQFTS EGGITCWRRV CPLFEGIGYA TQVIEAHLNV YYIIILAWAI FYLSNCFTTE LPWATCGHEW NTEKCVFQK LNFSNYSHVS LQNATSPVME FWERRVLAIS DGIEHIGNLR WELALCLLAA WTICYFCIWK GTKSTGKVVY VTATFPYIML LILLIRGVTL PGASEGIKFY LYPDL SRLSD PQWVDAGTQ IFFSYAICLG CLTALGSYNN YNNNCYRDCI MLCCLNSGTS FVAGFAIFSV LGMAYEQGV PIAEVAESGP GLAFIAYPKA VTMMPLSPLW ATLFFMMLIF LGLDSQFVCV ESLVTAVVDM YPKVFRRGYR RELILALSI ISYFLGLVML TEGGMYIFQL FDSYAASGMC LLFVAIFECV CIGWVYGSNR FYDNIEDMIG YRPLSLIKWC WKVVTPGICA GIFIFFLVKY KPLKYNNVYT YPAWGYGIGW LMALSSMLCI PLWIFIKLWK TEGTLPEKLQ KLTVPSADLK MRGKLGASPR TVT VNDCEAK VKGDGTISAI TEKETHF <b>Sequence without tag. The proposed Purification-Tag</b>

## Product Details

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**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:

- 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

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### Target:

SLC6A11

### Alternative Name:

Slc6a11 ([SLC6A11 Products](#))

### Background:

Sodium- and chloride-dependent GABA transporter 3 (GAT-3) (Sodium- and chloride-dependent GABA transporter 4) (GAT-4) (Solute carrier family 6 member 11),FUNCTION: Mediates sodium- and chloride-dependent transport of gamma-aminobutyric acid (GABA) (PubMed:8420981, PubMed:30270321). Can also mediate transport of beta-alanine and to a lower extent that of taurine and hypotaurine (PubMed:8420981, PubMed:30270321).  
{ECO:0000269|PubMed:30270321, ECO:0000269|PubMed:8420981}.

### Molecular Weight:

70.0 kDa

### UniProt:

[P31650](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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