

Datasheet for ABIN7545953
SLC6A11 Protein (AA 1-632) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC6A11
Protein Characteristics:	AA 1-632
Origin:	Human
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:	MTAEKALPLG NGKAAEEARE SEAPGGGCCSS GGAAPARHPR VKRDKAVHER GHWNNKVEFV LSVAGEIIGL GNVWRFPYLC YKNGGGAFLLI PYVVFICCG IPVFFLETAL GQFTSEGGIT CWRKVCPLFE GIGYATQVIE AHLNVYIII LAAWIFYLSN CFTTELPWAT CGHEWNTENC VEFQKLNVS N YSHVSLQ NAT SPVMEFW EHR VLAISDGIEH IGNLRWELAL CLLAAWTICY FCIWKGTKST GKVVYVTATF PYIMLLILLI RGVTLPGASE GIKFYLYPDL SRLSDPQVWV DAGTQIFFSY AICLGCLTAL GSYNNYNNNC YRDCIMLCCL NSGTSFVAGF AIFSVLGFMA YEQGVPIAEV AESGGLAFI AYPKAVTMMP LSPLWATLFF MMLIFLGLDS QFVCVESLVT AVVDMYPKVF RRGYRRELLI LALSVISYFL GLVMLTEGGM YIFQLFDSYA ASGMCLLFVA IFECICIGWW YGSNRFYDNI EDMIGYRPPS LIKWCWMIMT PGICAGIFIF FLIKYKPLKY NNIYTYPAWG YGIGWLMALS SMLCIPLWIC ITVWKTEGTL PEKLQKLTPP STDLKMRGKL GVSPRMVTVN DCDAKLKSDG TIAAITEKET HF 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.

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

Target:

SLC6A11

Alternative Name:

SLC6A11 ([SLC6A11 Products](#))

Background:

Sodium- and chloride-dependent GABA transporter 3 (GAT-3) (Solute carrier family 6 member 11),FUNCTION: Mediates sodium- and chloride-dependent transport of gamma-aminobutyric acid (GABA) (PubMed:7874447). Can also mediate transport of beta-alanine and to a lower extent that of taurine and hypotaurine (By similarity). {ECO:0000250|UniProtKB:P31650, ECO:0000269|PubMed:7874447}.

Molecular Weight:

70.6 kDa

UniProt:

[P48066](#)

Application Details

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.

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
