

Datasheet for ABIN7545965
SLC6A7 Protein (AA 1-636) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC6A7
Protein Characteristics:	AA 1-636
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC6A7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC6A7 Protein expressed in mammalian cells.
Sequence:	<p>MKKLQGAHLR KPVTPDLLMT PSDQGDVDLD VDFAAHRGNW TGKLDLFLSC IGYCVGLGNV WRFPHYRAYTN GGGAFVLPYF LMLAICGIPL FFLELSLQGF SSLGPLAVWK ISPLFKGAGA AMLLIVGLVA IYYNMIIAYV LFYLFASLTS DLPWEHCGNW WNTCLCLEHR VSKDGNALP LNLCTVSPS EEYWSRYVLH IQGSQGIGSP GEIRWNLCLC LLLAWVIVFL CILKGVKSSG KVVYFTATFP YLILLMLLVR GVTLPGAWKG IQFYLTPQFH HLLSSKVVIE AALQIFYSLG VGFGLLTFA SYNTFHQNIY RDTFIVTLGN AITSILAGFA IFSVLGYMSQ ELGVPVDQVA KAGPGLAFVV YPQAMTMLPL SPFWSFLFFF MLLTLGLDSQ FAFLETIVTA VTDEFPPYLR PKKAVFSGLI CVAMYLMGLI LTTDGGMYWL VLLDDYSASF GLMVVVITTC LAVTRVYGIQ RFCRDIHMML GFKPGLYFRA CWLFLSPATL LALMVYSIVK YQPSEYGSYR FPPWAELGLI LMGLLSCLMI PAGMLVAVLR EEGSLWERLQ QASRPAMDWG PSLEENRTGM YVATLAGSQS PKPLMVHMRK YGGITSFENT AIEVDREIAE EEESMM Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</p>

Product Details

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: SLC6A7

Alternative Name: SLC6A7 ([SLC6A7 Products](#))

Background: Sodium-dependent proline transporter (Solute carrier family 6 member 7),FUNCTION: Brain specific sodium (and chloride)-dependent proline transporter (PubMed:7651355). Terminates the action of proline by its high affinity sodium-dependent reuptake into presynaptic terminals (Probable). {ECO:0000269|PubMed:7651355, ECO:0000305|PubMed:7651355}.

Molecular Weight: 70.9 kDa

UniProt: [Q99884](#)

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
