

Datasheet for ABIN7551694
SLC6A2 Protein (AA 1-617) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC6A2
Protein Characteristics:	AA 1-617
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC6A2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC6A2 Protein expressed in mammalian cells.
Sequence:	MLLARMNPQV QPENNGADTG PEQPLRARKT AELLVVKERN GVQCLLAPRD GDAQPRETWG KKIDFLLSVV GFAVDLANVW RFPYLCYKNG GGAFLIPYTL FLIAGMPLF YMELALGQYN REGAATVWKI CPFFKGVGYA VILIALYVGF YYNVIIAWSL YYLFSSFTLN LPWTDGHTW NSPNCTDPKL LNGSVLGNHT KYSKYKFTPA AEFYERGV LH HESSGIHDI GLPQWQLLLC LMVVVIVLYF SLWKGVKTS G KVVWITATLP YFVLFVLLVH GVTLP GASNG INAYLHIDFY RLKEATVWID AATQIFFSLG AGFGVLI AFA SYNKFDNNCY RDALLTSSIN CITSFVSGFA IFSILGYMAH EHKVNIEDVA TEGAGLVFIL YPEAISTLSG STFWAVVFFV MLLALGLDSS MGGMEAVITG LADDFQVLKR HRKLFTFGVT FSTFLLALFC ITKGGIYVLT LLDTF AAGTS ILFAVLMEAI GVSWFYGVDR FSNDIQMMG FRPGLYWRLC WKFVSPAFL FVVVWSIINF KPLTYDDYIF PPWANWVGWG IALSSMVLVP IYVIYKFLST QGSLWERLAY GITPENEHHL VAQRDIRQFQ LQHWLAI Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

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: SLC6A2

Alternative Name: SLC6A2 ([SLC6A2 Products](#))

Background: Sodium-dependent noradrenaline transporter (Norepinephrine transporter) (NET) (Solute carrier family 6 member 2),FUNCTION: Mediates sodium- and chloride-dependent transport of norepinephrine (also known as noradrenaline) (PubMed:2008212, PubMed:8125921). Can also mediate sodium- and chloride-dependent transport of dopamine (PubMed:8125921, PubMed:11093780). {ECO:0000269|PubMed:11093780, ECO:0000269|PubMed:2008212, ECO:0000269|PubMed:8125921}.

Molecular Weight: 69.3 kDa

UniProt: [P23975](#)

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
