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Datasheet for ABIN7559855

Slc6a20a Protein (AA 1-592) (His tag)

Overview

Quantity:	1 mg
Target:	Slc6a20a (SLC6A20A)
Protein Characteristics:	AA 1-592
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Slc6a20a protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc6a20a Protein expressed in mammalian cells.
Sequence:	MEKARPQWGH PLQVFACIS YAVGLGNVWR FPYLCQMYGG GSFLVPYIIM LIVEGMPLLY LELAVGQRM R QGSIGAWRTI SPYLSGVGVA SVVVSFFLSM YYNVINAWGF WYLFHSFQDP LPWSVCPLNS NHTGYDEECE KASSTQYFWY RKTNLNPSI QENGGVQWEP ALCLTLAWLM VYLCILRGTE STGKVVYFTA SMPYCVLIY LVRGLTLHGA TNGLMYMFTP KMEQLANPKA WINAATQIFF SLGLGFGSLI AFASYNEPSN NCQKHAIIVS IINSSTSIFA SIVTFSIYGF KATFNYENCL NKVILLTNS FDLEDGFLTV SNLEEVKNYL ASTYPNKYSE VFPHIRNCSL ESELDTAVQG TGLAFIVYTE AIKNMEVSQL WSVLYFFMLL MLGIGSMLGN TAAITPLTD SKVISSYLPK EASISLVCLI NCAVGMVFTM EAGNYWFDIF NDYAATLSLL LIVLVETIAV CYVYGLKRFE SDLRAMTGRT LSWYWKVMWA FVSPLLIVGL FIFYLSDYIL TGTLQYQAWD ATQGQLVTKD YPPHALAVIG LLVASSTMCI PLVALGTFIR NRLKRGG SAP VA 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

Product Details

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: Slc6a20a (SLC6A20A)

Alternative Name: Slc6a20a ([SLC6A20A Products](#))

Background: Sodium- and chloride-dependent transporter XTRP3A (IMINO-B) (Solute carrier family 6 member 20A) (X transporter protein 3 similar 1),FUNCTION: Mediates the Na(+)- and Cl(-)-dependent uptake of imino acids such as L-proline, N-methyl-L-proline and pipercolate as well as N-methylated amino acids (PubMed:15689184). Also transports glycine, regulates proline and glycine homeostasis in the brain playing a role in the modulation of NMDAR currents (PubMed:33428810). {ECO:0000269|PubMed:15689184, ECO:0000269|PubMed:33428810}.

Molecular Weight: 66.2 kDa

UniProt: [Q8VDB9](#)

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
