

Datasheet for ABIN7563120
SLC6A13 Protein (AA 1-602) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC6A13
Protein Characteristics:	AA 1-602
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC6A13 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc6a13 Protein expressed in mammalian cells.
Sequence:	<p>MENRASGTTS NGETKPVCPA MEKVEEDGTL EREHWNNKME FVLSVAGEII GLGNVWRFPY LCYKNGGGAF FIPYLIFLFT CGIPVFFLET ALGQYTNQGG ITAWRRICPI FEGIGYASQM IVSLLNVYII VVLAWALFYI FSSFTTDLPW GSCSHEWNTN NCVFQKAND SMNVTSENAT SPVIEFWERR VLKLSDGIQH LGSLRWELVL CLLLAWIICY FCIWKGVKST GKVVYFTATF PYLMLVLLI RGVTLPGAAQ GIQFYLYPNI TRLWDPQVWM DAGTQIFFSF AICLGCLTAL GSYNKYHNNC YRDCIALCIL NSSTSFMAGF AIFSILGFMS QEQGVPISEV AESGPGLAFI AYPRAVVMLP FSPLWACCFE FMVLLGLDS QFVCVESLVT ALVDMYPRVF RKKNRREVLI LIVSVISFFI GLIMLTEGGM YVFQLFDYYA ASGMCLLFVA IFESLCVAWV YGAGRFYDNI EDMIGYKPWP LIKYCWLFFT PAVCLATFLF SLIKYTPLTY NKKYTYPWWG DALGWLLALS SMICIPAWSI YKLRTLKGPL RERLRQLVCP AEDLPQKNQP EPTAPATPMT SLLRLTELES NC</p> <p>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.</p>

Product Details

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: SLC6A13

Alternative Name: Slc6a13 ([SLC6A13 Products](#))

Background: Sodium- and chloride-dependent GABA transporter 2 (GAT-2) (Sodium- and chloride-dependent GABA transporter 3) (GAT-3) (Solute carrier family 6 member 13),FUNCTION: Mediates sodium- and chloride-dependent transport of gamma-aminobutyric acid (GABA) (PubMed:8420981, PubMed:22896705, PubMed:30270321). Can also mediate transport of beta-alanine, taurine and hypotaurine and is the major taurine transporter in hepatocytes (PubMed:8420981, PubMed:22896705, PubMed:30270321). {ECO:0000269|PubMed:22896705, ECO:0000269|PubMed:30270321, ECO:0000269|PubMed:8420981}.

Molecular Weight: 68.3 kDa

UniProt: [P31649](#)

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
