

Datasheet for ABIN7561594
SLC01B2 Protein (AA 1-689) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC01B2
Protein Characteristics:	AA 1-689
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC01B2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slco1b2 Protein expressed in mammalien cells.
Sequence:	MDQTQHPSKA AQPLRSEKTR HCDGFRIFLA ALSFSYICKA LGGVIMKSSI TQIERRFDIP SSISGLIDGG FEIGNLLVIV FVSYFGSKLH RPKLIGTGCF IMGIGSILTA LPHFFMGYYR YATENDISSL HNSTLTCLVN QTTSLTGTSP EIMEKGCEKG SNSYTWIYVL MGNMLRGIGE TPIVPLGVSY IDDFAKEGNS SMYLGTLHTI AMIGPILGFI MSSVFAKLYV DVG YVDLRSV RITPQDARWV GAWWLGFI V N GLLCIICSIP FFFLPKIPKR SQKERKNSAS LHV LKTDEDK NPVTNPTTQE KQAPANLTGF LWSLR SILTN EQYVIFLILT LLQISSFIGS FTYLFKFIEQ QFGQTASQAN FLLGVIT IPT MASGMFLGGY LIKRLKLTLL GITKVFVFTT TMAYVFYLSY FLLICENKAF AGLTLTYDGM NPVD SHIDVP LSYCNSDCIC DKNQWEPVCG ENGVTYISPC LAGCKSFRGD KKL MNIEFYD CSCVSGSGFQ KGNHSARLGE CPRDKCKTKY YFYITFQVII SFFTALGSTS LMLILIRSVQ PELKSLGMGF HSLVVRTLGG ILAPVYYGAL IDRTC MKWSV TSCGARGACR LYNSRLFGMI YVGLSIALKT PILLLYVALI YVMKRKMKRN DNKILENGRK

FTDEGNPEPV NNGYSCVPS DEKNSETPL **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:

SLC01B2

Alternative Name:

Slco1b2 ([SLC01B2 Products](#))

Background:

Solute carrier organic anion transporter family member 1B2 (Liver-specific organic anion transporter 1) (LST-1) (SLC21A6) (Solute carrier family 21 member 10),FUNCTION: Mediates the Na(+)-independent uptake of organic anions such as taurocholate, bromosulphophthalein and steroid conjugates (estrone 3-sulfate, 17-beta-glucuronosyl estradiol, dehydroepiandrosterone sulfate). Also transports prostaglandin E2 and L-thyroxine (T4). Shows a pH -sensitive substrate specificity which may be ascribed to the protonation state of the binding site and leads to a stimulation of substrate transport in an acidic microenvironment. Hydrogencarbonate/HCO3(-) acts as the probable counteranion that exchanges for organic anions. {ECO:0000250|UniProtKB:Q9QZX8}.

Target Details

Molecular Weight: 76.7 kDa

UniProt: [Q9JL3](#)

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