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Datasheet for ABIN7546379

SLC10A6 Protein (AA 1-377) (His tag)

Overview

Quantity:	1 mg
Target:	SLC10A6
Protein Characteristics:	AA 1-377
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC10A6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC10A6 Protein expressed in mammalian cells.
Sequence:	MRANCSSSSA CPANSSEEL PVGLEVHGNI ELVFTVVSTV MMGLLMFSLG CSVEIRKLWS HIRRPWGIAV GLLCQFGLMP FTAYLLAIF SLKPVQIAV LIMGCCPGGT ISNIFTFWVD GDMDLSISMT TCSTVAALGM MPLCIYLYTW SWSLQQNLT I PYQNIGITLV CLTIPVAFGV YVNYRWPKQS KIILKIGAVV GGVLVVAV AGVVLAKGSW NSDITLLTIS FIFPLIGHVT GFLALFTHQ SWQRCRTISL ETGAQNIQMC ITMLQLSFTA EHLVQMLSFP LAYGLFQLID GFLIVAAYQT YKRRKKNKHG KKNSGCTEVC HTRKSTSSRE TNAFLEVNEE GAITPGPPGP MDCHRALEPV GHITSCE 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.
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:

Product Details

- 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)
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Grade:	custom-made
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Target Details

Target:	SLC10A6
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Alternative Name:	SLC10A6 (SLC10A6 Products)
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Background:	<p>Sodium-dependent organic anion transporter (SOAT) (Solute carrier family 10 member 6) (SLC10A6),FUNCTION: Transports sulfoconjugated steroid hormones from the extracellular compartment into the cytosol in a sodium-dependent manner without hydrolysis (PubMed:17491011, PubMed:23667501, PubMed:24717977, PubMed:28951227). Steroid sulfate hormones are commonly considered to be biologically inactive metabolites, that may be activated by steroid sulfatases into free steroids (PubMed:23667501, PubMed:24717977). May play an important role by delivering sulfoconjugated steroids to specific target cells in reproductive organs (By similarity). May play a role transporting the estriol precursor 16alpha-hydroxydehydroepiandrosterone 3-sulfate (16a-OH-DHEAS) at the fetal blood vessel endothelium (PubMed:24717977). Can also transport other sulfoconjugated molecules such as tauro lithocholic acid-3-sulfate and sulfoconjugated pyrenes (PubMed:17491011).</p> <p>{ECO:0000250 UniProtKB:Q9CXB2, ECO:0000269 PubMed:17491011, ECO:0000269 PubMed:23667501, ECO:0000269 PubMed:24717977, ECO:0000269 PubMed:28951227}.</p>
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Target Details

Molecular Weight: 41.3 kDa

UniProt: [Q3KNW5](#)

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