

Datasheet for ABIN7559871
SLC5A9 Protein (AA 1-685) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC5A9
Protein Characteristics:	AA 1-685
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC5A9 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc5a9 Protein expressed in mammalien cells.
Sequence:	<p>MNTELVAMEP GVS RNGVRTE TTTNPSLGLH TYDIVVVVIY FVFLAVGIW SSIRASRGTV GGYFLAGRSM TWWPIGASLM SSNVGSLFI GLAGTGAAGG LAVGGFEWNA TFLLLALGWI FVPVYIAAGV VTMPQYLKKR FGGQRIQVYM SVLSLILYIF TKISTDIFSG ALFIQMALGW NLYLSTVILL VTA VYTIAG GLTAVIY TDA LQTVIMV GGA LVL MFLGFQE VGWYPGLQQL YRQAIPNTTV PNTTCHLPRP DAFHMLRDPV NGDIPWPGLI FGLTVLATWC WCTDQVIVQR SLAAKNLSHA KGGSVLGGYL KILPMFFIVM PGMISRALYP DEVACVDPDI CQRVCGARVG CSNIAYPKLV MALMPVGLRG LMIAVIMAAL MSSLT SIFNS SSTLFAIDVW QRFRRQASEQ ELMVVGRLFV VFLVVISILW IPIIQSSNSG QLFDYIQSIT SYLAPPITAL FLLAIFCKRV NEPGAFWGLM FGLVVGILRM ILEFSYSAPA CGEMDRRPAV LKDFHYLYFA LLLCGLTAII IVVISFFTEP IPDDKLARLT WWTRNCAVSD LQKKT SVSVN NTEDDNSPGL AGRPVEGPA GDEEEANTTQ GPEQPGALHR SWGKWLWNWF CGLSGAPQQA LSPA EKAVLE QKLTSIEEEP</p>

Product Details

LWRRVCNINA IILLAINIFL WGYFA **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:

SLC5A9

Alternative Name:

Slc5a9 ([SLC5A9 Products](#))

Background:

Sodium/glucose cotransporter 4 (Na⁺)/glucose cotransporter 4) (mSGLT4) (Solute carrier family 5 member 9),FUNCTION: Electrogenic Na⁺-coupled sugar symporter that may play a primary role in D-mannose and possibly D-fructose and D-glucose transport at the plasma membrane. Transporter activity is driven by a transmembrane Na⁺ electrochemical gradient set by the Na⁺/K⁺ pump. Exclusively recognizes sugar substrates having a pyranose ring with an axial hydroxyl group on carbon 2. {ECO:0000250|UniProtKB:Q2M3M2}.

Molecular Weight:

75.1 kDa

UniProt:

[Q8VDT1](#)

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
