

Datasheet for ABIN7556525
SLC26A1 Protein (AA 1-704) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC26A1
Protein Characteristics:	AA 1-704
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC26A1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc26a1 Protein expressed in mammalien cells.
Sequence:	MDASPEPQQK GGTLVLVRRQ PPVSQGLLET LKARLKKSC TSMPCAQALV QGLFPAIHWL PQYRLKEYLA GDVMSGLVIG IILVPQAIAY SLLAGLQPIY SLYTSFFANL IYFLMGTSRH VNVGIFSLLC LMVGQVVDRE LQLAGFDPSQ DSLGPKNND TLNNSATTLI IGLQDCRRDC YAIRVATALT LMAGLYQVLM GILRLGFVST YLSQPLLDGF AMGASVTILT SQAKHMLGVQ IPRHQGLGMV VHTWLSLLQN VGQANICDVV TSALCLGVLL AAKELSDRYR HRLKVPIPTE LFVIVVATIV SHFGQLHTRF DSRVAGNIPT GFVAPQVPDP KIMWRVALDA MSLALVGSFA SISLAEMFAR SHGYSVSANQ ELLAVGCCNV LPAFFHCFAT SAALSKTLVK IATGCQTQLS SVVSAAVLL VLLVLAPLFH DLQRCVLACI IVVSLRGALR KVKDLPQLWR LSPADALVWV ATAATCVLVS TEAGLLAGVF FSLLSLAGRT QRPRALLAR IGDSTFYEDA AEFEGLLPPP EVRVFRFTGP LLYANKDFFL RSLYRLTGLD AGHSATRKDQ GPEVGVSNRS LVDGKDLGSV SSGAGLVVPL AFGFHTVVID CAPLLFLDVA GMATLKD LRR DYRALDITLL LACCSPSVRD

TLRKGGLGE EQGAENELLF PSVHSAVEAA CARREELLAA DSAL **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:

SLC26A1

Alternative Name:

Slc26a1 ([SLC26A1 Products](#))

Background:

Sulfate anion transporter 1 (SAT-1) (Solute carrier family 26 member 1),FUNCTION: Sodium-independent sulfate anion transporter (PubMed:12590734, PubMed:12217875, PubMed:20160351, PubMed:27210743). Can transport other anions including bicarbonate, thiosulfate and oxalate by mediating sulfate-hydrogencarbonate, sulfate-oxalate and oxalate-hydrogencarbonate anion exchange (PubMed:12590734, PubMed:12217875, PubMed:20160351, PubMed:27210743). Mediates sulfate-thiosulfate anion exchange (By similarity). {ECO:0000250|UniProtKB:Q9H2B4, ECO:0000269|PubMed:12217875, ECO:0000269|PubMed:12590734, ECO:0000269|PubMed:20160351, ECO:0000269|PubMed:27210743}.

Target Details

Molecular Weight:	75.8 kDa
UniProt:	P58735
Pathways:	Glycosaminoglycan Metabolic Process , Ribonucleoside Biosynthetic Process , Dicarboxylic Acid Transport

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