

Datasheet for ABIN7555298
SLC26A1 Protein (AA 1-701) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | SLC26A1 |
| Protein Characteristics: | AA 1-701 |
| Origin: | Human |
| 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

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| Purpose: | Custom-made recombinat SLC26A1 Protein expressed in mammalien cells. |
| Sequence: | MDESPEPLQQ GRGPVVERRQ RPAPRGLREM LKARLWCSGS CSVLCVRLV QDLLPATRWL RQYRPREYLA GDVMSGVLVIG IILVPQAIAY SLLAGLQPIY SLYTSFFANL IYFLMGTSRH VSVGIFSLLC LMVGQVVDRE LQLAGFDPSQ DGLQPGANSS TLNGSAAMLDCGRDCYAIRV ATALTLMTGL YQVLMGVLRL GFVSAYLSQP LLDGFAMGAS VTILTSQKHL LGVRIPRHQ GPGMVVLTWL SLLRGAGQAN VCDVVTSTVC LAVLLAAKEL SDRYRHRLRV PLPTTELLVIV VATLVSHFGQ LHKRFGSSVA GDIPTGMFPQ QVPEPRLMQR VALDAVALAL VAAAFSISLA EMFARSHGYS VRANQELLAV GCCNVLPAFL HCFATSAALA KSLVKTATGC RTQLSSVWSA TVVLLVLLAL APLFHDLQRS VLACVIVVSL RGALRKVWDL PRLWRMSPAD ALVWAGTAAT CMLVSTEAGL LAGVILSLLS LAGRTQRPRPT ALLARIGDTA FYEDATEFEG LVPEPGVRVF RFGGPLYAN KDFFLQSLYS LTGLDAGCMA ARRKEGGSET GVGEGGPAQG EDLGPVSTRA ALVPAAAGFH TVVIDCAPLL FLDAAGVSTL QDLRRDYGAL GISLLLACCS PPVRDILSRG |

Product Details

GFLGEGPGDT AEEEQFLFLSV HDAVQTARAR HRELEATDAH L **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:12713736, PubMed:27125215). Can transport other anions including bicarbonate, thiosulfate and oxalate by mediating sulfate-thiosulfate, sulfate-hydrogencarbonate and sulfate-oxalate anion exchange (PubMed:12713736, PubMed:27125215). Mediates oxalate-hydrogencarbonate anion exchange (By similarity). {ECO:0000250|UniProtKB:P58735, ECO:0000269|PubMed:12713736, ECO:0000269|PubMed:27125215}.

Molecular Weight:

75.0 kDa

Target Details

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|-----------|---|
| UniProt: | Q9H2B4 |
| 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

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| 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 |