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Datasheet for ABIN7556317

SLC26A3 Protein (AA 1-757) (His tag)

Overview

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|-------------------------------|------------------------------------------------|
| Quantity: | 1 mg |
| Target: | SLC26A3 |
| Protein Characteristics: | AA 1-757 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SLC26A3 protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant Slc26a3 Protein expressed in mammalian cells. |
| Sequence: | MIEAIGNQYV VARPVYSTKT FGEEFKKTHR HHKTFLDHLK GCCSCSSQKA KKIALSLFPI ASWLPAYKIK EWLLSDIVSG ISTGLVAVLQ GLAFALLVNI PPAYGLYAAF FPVITYFFLG TSRHISVGPF PVLSMMVGWV VTRVVSDPNA SSELSSSSTE NDSFIEEKVM VAASVTVLSG IIQLLLGVLQ VGFVVIYLSE SLISGFTTAA AIHVLVSQLK FMLQLPVPAY SDPFSIFKVL ESVFTQIQKT NIADLVTSVI ILVVVFVKE INQRYRSKLP VPIPIELIMT VIATGVSYGC NFEDRFGVAV VGNMSLGFQP PITPSVEVFQ DTIGDSFGIA IVGFAVAFSV ASVYSLKYDY PIDGNQELIA LGVSNIFTGA FKGFAGSTAL SRSGVQUESTG GKTQVAGLLS AVIVLIVIVA IGFLQPLQK SVLAALALGN LKGMLMQFAE IGRLWKKDKY DCLIWIMTFI FAIVLGLGLG LAASVAFQLL TIVFRTQFPK CSTLANVGRS NIYKNKKNYA EVYEPEGVKI FRCPSPYFA NIGFFKQKLI DAVGFSPLRI LRKRKALKK IRKLQKRGLI QMTPKGFICT SDGFKDSDEE LDNNQIEELD QPINTTDLPF DIDWNGDLPL NITIPKISLH SLILDFSAVS FLDVSSMRGL RTILQEFIRI KVDVYIVGTD DDFIDKLARC EFFDDEVTDS IFFLTIHDAI LHILMKKDYS TSKFNSSQEK ERKFDFNTINT |

Product Details

NGGLRNRECQ VPVETKF **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:

- 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)

Grade: custom-made

Target Details

Target: SLC26A3

Alternative Name: Slc26a3 ([SLC26A3 Products](#))

Background: Chloride anion exchanger (Down-regulated in adenoma) (Protein DRA) (Solute carrier family 26 member 3),FUNCTION: Mediates chloride-bicarbonate exchange with a chloride bicarbonate stoichiometry of 2:1 in the intestinal epithelia (PubMed:10428871). Plays a role in the chloride and bicarbonate homeostasis during sperm epididymal maturation and capacitation (PubMed:21976599). {ECO:0000269|PubMed:10428871, ECO:0000269|PubMed:21976599}.

Molecular Weight: 83.6 kDa

UniProt: [Q9WVC8](#)

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
