

Datasheet for ABIN7555349
SLC26A3 Protein (AA 1-764) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC26A3
Protein Characteristics:	AA 1-764
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC26A3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC26A3 Protein expressed in mammalian cells.
Sequence:	<p>MIPEFGNQYI VARPVYSTNA FEENHKKTGR HHKTFLDHLK VCCSCSPQKA KRIVLSLFPI ASWLPAYRLK EWLLSDIVSG ISTGIVAVLQ GLAFALLVDI PPVYGLYASF FPAIYLFFG TSRHISVGPF PILSMMVGLA VSGAVSKAVP DRNATTLGLP NNSNNSLLD DERVRVAAAA SVTVLSGIIQ LAFGILRIGF VVIYLSESLI SGFTTAAAVH VLVSQKFIQ QLTVPSHTDP VSIFKVLVSV FSQIEKTNIA DLVTALIVLL VVSIVKEINQ RFKDKLPVPI PIEFIMTVIA AGVSYGCDFK NRFKVAVVG D MNPGFQPPIT PDVETFQNTV GDCFGIAMVA FAVAFSVASV YSLKYDYPLD GNQELIALGL GNIVCGVFRG FAGSTALSRS AVQESTGGKT QIAGLIGAI VLIVVLAIGF LLAPLQKSVL AALALGNLKG MLMQFAEIGR LWRKDKYDCL IWIMTFIFTI VLGLGLGLAA SVAFQLLTIV FRTQFPKCST LANIGRTNIY KNKKDYDDMY EPEGVKIFRC PSPIYFANIG FFRRKLIDAV GFSPLRILRK RNKALRKIRK LQKQGLLQVT PKGFICTVDT IKDSDEELDN NQIEVLDQPI NTTDLPFHID WNDDLPLNIE VPKISLHSLI LDFSAVSFLD VSSVRGLKSI LQEFIRIKVD VYIVGTDDDF IEKLNRYEFF DGEVKSSIFF LTIHDAVLHI LMKKDYSTSK FNPSQEKDGGK</p>

Product Details

IDFTINTNGG LRNRVYEVVPV ETKF **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:16606687, PubMed:19321737, PubMed:22159084, PubMed:22627094). Plays a role in the chloride and bicarbonate homeostasis during sperm epididymal maturation and capacitation (By similarity). {ECO:0000250|UniProtKB:Q9WVC8, ECO:0000269|PubMed:16606687, ECO:0000269|PubMed:19321737, ECO:0000269|PubMed:22159084, ECO:0000269|PubMed:22627094}.

Target Details

Molecular Weight: 84.5 kDa

UniProt: [P40879](#)

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