

Datasheet for ABIN7558451
SLC26A11 Protein (AA 1-593) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC26A11
Protein Characteristics:	AA 1-593
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC26A11 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc26a11 Protein expressed in mammalian cells.
Sequence:	<p>MAPDTCCCSA TALRRRLPVL AWVPDYSLQW LRLDFIAGLS VGLTVIPQAL AYAEVAGLPP QYGLYSAFMG CFVYFFLGTS RDVTLGPTAI MLLVSYFYTF REPAYAVLLA FLSGCIQLAM GLLHLGFLLD FISCPVIKGF TSAASITIGF GQIKNLLGLQ KIPRQFFLQV YHTFLHIGET RVGDAVLGLA SMLLLLVLKC MREHMPPPHP EMPLAVKFSR GLVWTVTTAR NALVVSSAAL IAYAFEVTGS HPFVLTGKIA EGLPPVRIPP FSVTRDNKTI SFSEMVQDMG AGLAVVPLMG LLESIAVAKS FASQNNYRID ANQELLAIGL TNVLGSLVSS YPVTGSFGRT AVNAQTGVCT PAGGLVTGAL VLLSLNYLTS LFSYIPKSAL AAVIITAVTP LFDVKIFRSL WRVQRDLLP LCVTFLLSFW EIQYGILAGS LVSLILLHS VARPQTQVSE GQIFVLQPAS GLYFPAIDAL REAITNRALE ASPPRSAVLE CTHISSVDYT VIVGLGELLE DFQKKGVALA FVGLQVPVLR TLAADLKGFRYFTTLEEAELKFLQQEPGTE PNSIHEDAVP EQRSSLLKSP SGP 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</p>

Product Details

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: SLC26A11

Alternative Name: Slc26a11 ([SLC26A11 Products](#))

Background: Sodium-independent sulfate anion transporter (Kidney brain anion transporter) (KBAT) (Solute carrier family 26 member 11),FUNCTION: Sodium-independent anion exchanger mediating bicarbonate, chloride, sulfate and oxalate transport (By similarity). Exhibits sodium-independent sulfate anion transporter activity that may cooperate with SLC26A2 to mediate DIDS-sensitive sulfate uptake into high endothelial venules endothelial cells (HEVEC) (By similarity). In the kidney, mediates chloride-bicarbonate exchange, facilitating V-ATPase-mediated acid secretion (PubMed:21716257). May function as a chloride channel, playing an important role in moderating chloride homeostasis and neuronal activity in the cerebellum (PubMed:23733100, PubMed:27390771). {ECO:0000250|UniProtKB:G3C7W6, ECO:0000250|UniProtKB:Q86WA9, ECO:0000269|PubMed:21716257, ECO:0000269|PubMed:23733100,

Target Details

ECO:0000269|PubMed:27390771}.

Molecular Weight: 64.1 kDa

UniProt: [Q80ZD3](#)

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