

Datasheet for ABIN7556209

SLC26A4 Protein (AA 1-780) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC26A4
Protein Characteristics:	AA 1-780
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC26A4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc26a4 Protein expressed in mammalian cells.
Sequence:	MAARGGRSEP PQLAEYSCSY TVSRPVYSEL AFQQQRERRL PERRTLRDSL ARSCSCSRKR AFGVVKTLLP ILDWLPKYRV KEWLLSDIIS GVSTGLVGTL QGMAYALLAA VPVQFGLYSA FFPILTYFVF GTSRHISVGP FPVVSMLVGS VVLSMAPDDH FLVPSGNGSA LNSTTLDTGT RDAARVLLAS TLTLLVGIIQ LVFGGLQIGF IVRYLADPLV GGFTTAAAFQ VLVSQKIVL NVSTKNYNGI LSIYTLIEI FQNIGDTNIA DFIAGLLTII VCMAVKELND RFKHRIPVPI PIEVIVTIIA TAISYGANLE KNYNAGIVKS IPSGFLPPVL PSVGLFSDML AASFSIAVVA YAIASVSGKV YATKHDYVID GNQEFIAFGI SNVFSGFFSC FVATTALSRT AVQESTGGKT QVAGLISAVI VMVAIVALGR LLEPLQKSVL AAVVIANLKG MFMQVCDVPR LWKQNKTDV IWWFTCIMS ILGLDLGLLA GLLFALLTVV LRVQFPWSWG LGSVPSTDIY KSITHYKNLE EPEGVKILRF SSPIFYGNVD GFKKCINSTV GFDAIRVYNK RLKALRRIQK LIKKGQLRAT KNGIISDIGS SNNAFEPDED VEEPEELNIP TKEIEIQVDW NSELPVKVNV PKVPIHSLVL DCGAVSFLDV VGVRSRLMIV KEFQRIDVNV YFALLQDDVL EKMEQCGFFD DNIRKDRFFL TVHDAILHLQ

Product Details

NQVKSREGQD SLETVARIR DCKDPLDLME AEMNAEELDV QDEAMRRLAS **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: SLC26A4

Alternative Name: Slc26a4 ([SLC26A4 Products](#))

Background: Pendrin (Sodium-independent chloride/iodide transporter) (Solute carrier family 26 member 4),FUNCTION: Sodium-independent transporter of chloride and iodide (By similarity). Mediates electroneutral iodide-chloride, iodide-bicarbonate and chloride-bicarbonate exchange with 1:1 stoichiometry (PubMed:11274445, PubMed:18565999). Mediates electroneutral chloride-formate exchange (By similarity). {ECO:0000250|UniProtKB:Q9R154, ECO:0000269|PubMed:11274445, ECO:0000269|PubMed:18565999}.

Target Details

Molecular Weight: 85.7 kDa

UniProt: [Q9R155](#)

Pathways: [Thyroid Hormone Synthesis](#), [Sensory Perception of Sound](#)

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