

Datasheet for ABIN7553500
CLCNKB Protein (AA 1-687) (His tag)



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Overview

Quantity:	1 mg
Target:	CLCNKB
Protein Characteristics:	AA 1-687
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLCNKB protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CLCNKB Protein expressed in mammalian cells.
Sequence:	MEEFVGLREG SSGNPVTLQE LWGPCPRIRR GIRGGLEWLK QKLFRLGEDW YFLMTLGVLM ALVSCAMDLA VESVRAHQW LYREIGDSSL LRYLSWTVYP VALVSFSSGF SQSITPSSGG SGIPEVKTML AGVLEDYLD IKNFGAKVVG LSCTLACGST LFLGKVGPFV HLSVMMAAYL GRVRTTTIGE PENKSKQNEM LVAAAAVGVA TVFAAPFSGV LFSIEVMSSH FSVWDYWRGF FAATCGAFMF RLLAVFNSEQ ETITSLYKTS FRVDVPFDLP EIFFFVALGG LCGILGSAYL FCQRIFFGFI RNNRFSSKLL ATSKPVYSAL ATLVLASITY PPSAGRFLAS RLSMKQHLDL LFDNHSWALM TQNSSPPWPE ELDQPQLWWE WYHPRFTIFG TLAFFLVMKF WMLILATTIP MPAGYFMPIF VYGAAIGRLF GETLSFIFPE GIVAGGITNP IMPGGYALAG AAASFSAVTH TISTALLAFE VTGQIVHALP VLMAVLAANA IAQSCQPSFY DGTVIVKKLP YLPRILGRNI GSHRVRVEHF MNHSITLAK DMPLEEVVKV VTSTDVAKYP LVESTESQIL VGIVRRAQLV QALKAEPSPW APGHQQCLQD ILAAGCPTPE VTLKLSPEFS LHEAHNLFEL LNLHSLFVTS RGRAVGCVSW VEMKKAISNL TNPPAPK Sequence without tag. The proposed Purification-

Product Details

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: CLCNKB

Alternative Name: CLCNKB ([CLCNKB Products](#))

Background: Chloride channel protein ClC-Kb (Chloride channel Kb) (ClC-K2),FUNCTION: Voltage-gated chloride channel. Chloride channels have several functions including the regulation of cell volume, membrane potential stabilization, signal transduction and transepithelial transport. May be important in urinary concentrating mechanisms. {ECO:0000269|PubMed:11734858}.

Molecular Weight: 75.4 kDa

UniProt: [P51801](#)

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
