

Datasheet for ABIN7553446
CLCN6 Protein (AA 1-869) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | CLCN6 |
| Protein Characteristics: | AA 1-869 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CLCN6 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|-----------|--|
| Purpose: | Custom-made recombinat CLCN6 Protein expressed in mammalian cells. |
| Sequence: | MAGCRGSLCC CCRWCCCCGE RETRTPEELT ILGETQEEED EILPRKDYES LDYDRCINDP YLEVLETMDN KKGRRYEAVK WMVVFAIGVC TGLVGLFVDF FVRLFTQLKF GVVQTSVEEC SQKGCLALSL LELGFNLTFL VFLASLLVLI EPVAAGSGIP EVKCYLNGVK VPGIVRLRTL LCKVLGVLFS VAGGLFVEKE GPMIHSGSVV GAGLPQFQSI SLRKIQFNFP YFRSDRDKRD FVSAGAAAGV AAAFGAPIGG TLFSLEEGSS FWNQGLTWKV LFCSMSATFT LNFFRSGIQF GSWGSFQLPG LLNFGEFKCS DSDKKCHLWT AMDLGGFFVVM GVIGLLGAT FNCLNKRLAK YRMRNVHPKP KLVRVLESLL VSLVTTVVVF VASMVLGECR QMSSSSQIGN DSFQLQVTE VNSSIKTFFC PNDTYNDMAT LFFNPQESAI LQLFHQDGTG SPVTLALFFV LYFLLACWTY GISVPSGLFV PSLLCGAAFG RLVANVLKSY IGLGHIYSGT FALIGAAAFL GGVRMTISL TVILIESTNE ITYGLPIMVT LMAKWTGDF FNKGIYDIHV GLRGVPLLEW ETEVEMDKLR ASDIMEPNLT VVYPHTRIQS LVSILRTTVH HAFPVVTENR GNEKEFMKGN QLISNNIKFK |

Product Details

KSSILTRAGE QRKRSQSMKS YPSSSELRNMC DEHIASEEPA EKEDLLQQML ERRYTPYPNL
YPDQSPSEDW TMEERFRPLT FHGLILRSQL VTLLVRGVCY SESQSSASQP RLSYAEMAED
YPRYPDIHDL DLTLLNPRMI VDVTPYMNPS PFTVSPNTHV SQVFNLFRM GLRHLPVVNA
VGEIVGIITR HNLTYEFLQA RLRQHYQTI **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

CLCN6

Alternative Name:

CLCN6 ([CLCN6 Products](#))

Background:

H(+)/Cl(-) exchange transporter 6 (Chloride channel protein 6) (ClC-6) (Chloride transport protein 6),FUNCTION: Voltage-gated channel mediating the exchange of chloride ions against protons. Functions as antiporter and contributes to the acidification of the late endosome lumen. The CLC channel family contains both chloride channels and proton-coupled anion transporters that exchange chloride or another anion for protons. The presence of conserved gating glutamate residues is typical for family members that function as antiporters. {ECO:0000269|PubMed:20466723}.

Target Details

Molecular Weight: 97.3 kDa

UniProt: [P51797](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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