

Recombinant Human CLCN6 Protein, GST-tagged

Cat. No. CLCN6-1420H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLCN6 full-length ORF (NP_001277.1, 1 a.a. - 869 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the voltage-dependent chloride channel protein family. Members of this family can function as either chloride channels or antiporters. This protein is primarily localized to late endosomes and functions as a chloride/proton antiporter. Alternate splicing results in both coding and non-coding variants. Additional alternately spliced variants have been described but their full-length structure is unknown. [provided by RefSeq, Mar 2012]
Molecular Mass	123.6 kDa
AA Sequence	MAGCRGSLCCCCRWCCCCGERETRTPEELTILGETQEEDEILPRKDYESLDYDRC INDPYLEVLETMDNKKGRRYEAVKWMVVFAIGVCTGLVGLFVDFVRLFTQLKFGVV QTSVEECSQKGCLALSLELLGFNLTFVFLASLLVLEPVAAGSGIPEVKCYLNGVKV PGIVRLRTLCKVLGVLFVAGGLFVGKEGPMIHSGSVVGAGLPQFQSI SLRKIQFNF PYFRSDRDKRDFVSAGAAAGVAAAFGAPIGGTLFSLEEGSSFVNQGLTWKVLFC MSATFTLNFFRSGIQFGSWGSFQLPGLLNFGFEKCSDSDDKKCHLWTAMD LGFFV MGVIGLLGATFNCLNKLAKYRMRNVHPKPKLVRLVLESLLVSLVTTVVVFVASMVL GECRQMSSSSQIGNDSFQLQVTEDVNSSIKTFFCPNDTYNDMATLFFNPQESAILQL

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FHQDGTFSPTLALFFVLYFLLACWTYGISVPSGLFVPSLLCGAAFGRLVANVLKSYI
 GLGHIYSGTFALIGAAAFLGGVVRMTISLTVILIESTNEITYGLPIMVTLMVAKWTGDF
 NKGIDYHVGLRGVPLLEWETEVEMDKLRASDIMEPNLTYVYPHTRIQLSVSILRTTV
 HHAFPVVTENRGNEKEFMKGNQLISNNIKFKKSSILTRAGEQRKRSQSMKSYPSSEL
 RNMCDHEIASSEPAEKEDLLQQMLERRYTPYPNLYPDQSPSEDWTMEERFRPLTFH
 GLILRSQVLTVLRGVCYSESQSSASQPRLSYAEMAEDYPRYPDIHDLDTLLNPRMI
 VDVTPYMNPSPTVSPNTHVSQVFNLFRMTGLRHLPVNAVGEIVGIITRHNLTYEFL
 QARLRQHYQTI

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CLCN6 chloride channel, voltage-sensitive 6 [Homo sapiens]

Official Symbol

CLCN6

Synonyms

CLCN6; chloride channel, voltage-sensitive 6; chloride channel 6; chloride transport protein 6; CIC 6; CLC 6; KIAA0046; CLC-6;

Gene ID

1185

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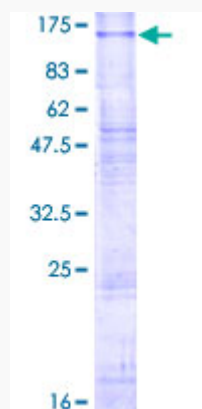
mRNA Refseq [NM_001256959](#)

Protein Refseq [NP_001243888](#)

MIM [602726](#)

UniProt ID [P51797](#)

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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