

Recombinant Full Length Human CLCN2 Protein, GST-tagged

Cat. No. CLCN2-1967HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLCN2 full-length ORF (AAH21578.1, 38 a.a. - 387 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	38-387 amino acids
Description	This gene encodes a voltage-gated chloride channel. The encoded protein is a transmembrane protein that maintains chloride ion homeostasis in various cells. Defects in this gene may be a cause of certain epilepsies. Four transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2012]
Molecular Mass	64.24 kDa
AA Sequence	TVSTAVIVFELTGQIAHILPVMIVVILANAVAQSLQPSLYDSIIRIKKLPYLPGLGWGRHQ QYRVRVEDIMVRDVPHVALSCTFRDLRLALHRTKGRMLALVESPEMILLGSIERSQ VVALLGAQLSPARRRQHMQRERRATQTSPLSDQEGPPTPEASVCFQVNTEDSAFPA ARGETHKPLKPALKRGPVTRNLGESPTGSAESAGIALRSLFCGSPPPEAAASEKLES CEKRKLKRVRIASDADLEGEMSPEETHITIFSLGVDHAYVTSIGRLIGIVTLKELRK AIEGSVTAQGVKVRPPLASFRDSATSSSDTETTEVHALWGPHSRHGLPREGSPSDS DDKCQ

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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	CLCN2 chloride channel, voltage-sensitive 2 [Homo sapiens]
Official Symbol	CLCN2
Synonyms	CLCN2; chloride channel, voltage-sensitive 2; chloride channel 2; chloride channel protein 2; CIC 2; CLC2; EJM6; ECA2; ECA3; EGI3; EGMA; EJM8; CIC-2; EGI11; cIC-2
Gene ID	1181
mRNA Refseq	NM_001171087
Protein Refseq	NP_001164558
MIM	600570
UniProt ID	P51788

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