

Recombinant Full Length Human CLCN2 Protein, GST tagged

Cat. No. CLCN2-1415H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLCN2 full-length ORF (AAH21578.1, 1 a.a. - 387 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat germ cell free in vitro.
Species	Human
Source	Wheat germ cell free in vitro
ProteinLength	1-387 aa
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	68.31 kDa
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.

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**Quality Control
Testing**

12.5% SDS-PAGE Stained with Coomassie Blue.

GENE INFORMATION
Gene Name [CLCN2 chloride voltage-gated channel 2 \[Homo sapiens \(human\) \]](#)
Official Symbol [CLCN2](#)
Synonyms

CLCN2; chloride voltage-gated channel 2; CLC2; ECA2; ECA3; EGI3; EGMA; EJM6; EJM8; FHA2; FHII; CIC-2; EGI11; HALD2; LKPAT; cIC-2; chloride channel protein 2; chloride channel 2; chloride channel, voltage-sensitive 2

Gene ID [1181](#)
mRNA Refseq [NM_004366](#)
Protein Refseq [NP_004357](#)
MIM [600570](#)
UniProt ID [P51788](#)
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