

Recombinant Human CLCN2 protein, GST-tagged

Cat. No. CLCN2-1829H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLCN2 protein(164-296 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	164-296 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	LSPARRRQHMQERRATQTSP LSDQEGPPTPEASVCFQVNTEDSAFPAARGETHKP LKPALKRGP SVTRNLGESPTGSAESAGIALRSLFCGSPPEAAASEKLESCEKRKLKR VRISLASDADLEGEMSPEETH
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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