

Recombinant Human CLCN5 protein, His-tagged

Cat. No. CLCN5-3998H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLCN5 protein(627-685 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	627-685 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	ESQRLVGFLRRDLIISIENARKKQDGVVSTSIYFTEHSPPLPPYTPPTLKLRLNLDL
Purity	90%, 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. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	CLCN5 chloride channel, voltage-sensitive 5 [Homo sapiens]
Official Symbol	CLCN5
Synonyms	CLCN5; chloride channel, voltage-sensitive 5; chloride channel 5 , nephrolithiasis 1 (X linked) , nephrolithiasis 2, X linked , NPHL1, NPHL2; H(+)/Cl(-) exchange transporter 5; CIC 5; CLC5; Dent disease; DENTS; hCIC K2; hCIC K2; XLRH; XRN; chloride channel 5; chloride channel protein 5; chloride transporter CIC-5; CLCK2; NPHL1; NPHL2; cIC-5; hCIC-K2; hCIC-K2;
Gene ID	1184
mRNA Refseq	NM_000084
Protein Refseq	NP_000075
MIM	300008
UniProt ID	P51795

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA