Recombinant Human CLCNKA protein, His-tagged

Cat. No. CLCNKA-3353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLCNKA protein(515-687 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	515-687 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	CQPSFYDGTIIVKKLPYLPRILGRNIGSHHVRVEHFMNHSITTLAKDTPLEEVVKVVTS TDVTEYPLVESTESQILVGIVQRAQLVQALQAEPPSRAPGHQQCLQDILARGCPTEP VTLTLFSETTLHQAQNLFKLLNLQSLFVTSRGRAVGCVSWVEMKKAISNLTNPPAPK
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 g/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	CLCNKA chloride channel, voltage-sensitive Ka [Homo sapiens]
Official Symbol	CLCNKA
Synonyms	CLCNKA; chloride channel, voltage-sensitive Ka; chloride channel Ka; chloride channel protein ClC-Ka; hClC Ka; chloride channel, kidney, A; CLCK1; ClC-K1; hClC-Ka; MGC61490;
Gene ID	1187
mRNA Refseq	NM_001042704
Protein Refseq	NP_001036169
MIM	602024
UniProt ID	P51800

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