

Recombinant Human CLIC4 protein, GST-tagged

Cat. No. CLIC4-11327H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLIC4 protein(1-253 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-253 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTTV DLKRKPADLQNLAPGTHPPFITFNSEVKTDVNKIEEFLEEVLCPKYLKLSPKHPESN TAGMDIFAKFSAYIKNSRPEANEALERGLLKTQLDEYLN SPLDEIDENS MEDIKFS TRKFLDGNEMTLADCNLLPKLHIVKVVAKKYRNFDIPKEMTGIWRYLTNAYS RDEFT NTCPSDKEVEIAYS DVAKRLTK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [CLIC4 chloride intracellular channel 4 \[Homo sapiens \]](#)

Official Symbol [CLIC4](#)

Synonyms

CLIC4; chloride intracellular channel 4; chloride intracellular channel protein 4; CLIC4L; DKFZP566G223; H1; huH1; p64H1; P64H1; chloride intracellular channel 4 like; intracellular chloride ion channel protein p64H1; MTCLIC; FLJ38640; DKFZp566G223;

Gene ID [25932](#)

mRNA Refseq [NM_013943](#)

Protein Refseq [NP_039234](#)

MIM [606536](#)

UniProt ID [Q9Y696](#)

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SDS-PAGE



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