

## Recombinant Human CLIC4 protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CLIC4 protein(1-253 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-253 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 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).
<b>AASequence</b>	MALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTTV DLKRKPADLQNLAPGTHPPFITFNSEVKTDVNKIEEFLEEVLCPKYLKLSPKHPESN TAGMDIFAKFSAYIKNSRPEANEALERGLLKTQLDEYLN SPLPDEIDENSMEDIKFS TRKFLDGNEMTLADCNLLPKLHIVKVVAKKYRNFDIPKEMTGIWRYLTNAYS RDEFT NTCPDKEVEIAYS DVAKRLTK
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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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