

## Recombinant Human CLIC4 Protein, GST-tagged

Cat. No. CLIC4-1481H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CLIC4 full-length ORF (BAG37528.1, 1 a.a. - 253 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. Chloride intracellular channel 4 (CLIC4) protein, encoded by the CLIC4 gene, is a member of the p64 family; the gene is expressed in many tissues and exhibits a intracellular vesicular pattern in Panc-1 cells (pancreatic cancer cells). [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	54.23 kDa
<b>AA Sequence</b>	MALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTTV DLKRKPADLQNLAPGTHPPFITFNSEVKTDV NKIEEFLEEVLCPPKYLKLSPKHPESN TAGMDIFAKFSAYIKNSRPEANEALERGLLKTQLDEYLN SPLDEIDENS MEDIKFS TRKFLDGNEMTLADCNLLPKLHIVKVVAKKYRNFDIPKEMTGIWRYLTNAYS RDEFT NTCPDKEVEIAYS DVAKRLTK
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CLIC4 chloride intracellular channel 4 [ Homo sapiens ]
<b>Official Symbol</b>	CLIC4
<b>Synonyms</b>	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;
<b>Gene ID</b>	25932
<b>mRNA Refseq</b>	NM_013943
<b>Protein Refseq</b>	NP_039234
<b>MIM</b>	606536
<b>UniProt ID</b>	Q9Y696

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