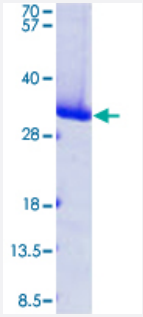
Full-Length

CLIC4 (Human) Recombinant Protein

Catalog # P3572 Size 100 ug

Applications



Specification

Product Description	Human CLIC4 (NP_039234, 1 a.a. - 253 a.a.) full-length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMIL WLKGVVFSVTTVDLKRKPADLQNLAPGTHPPFITFNSEVKTDVNKIEEFLEEVLCPPKYLKLSPKH PESNTAGMDIFAKFSAYIKNSRPEANEALERGLLKTLQKLDEYLNSPLPDEIDENSMEDIKFSTRKF LDGNEMTLADCNLLPKLHIVKVVAKKYRNFDIPKEMTGIWRYLTNAYSRDEFTNTCPSDKEVEIAYS DVAKRLTK
Host	Escherichia coli
Theoretical MW (kDa)	30.9
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	Conventional Chromatography
Concentration	0.5 mg/mL
Purity	> 95% by SDS-PAGE
Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE

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Storage Buffer	In 20 mM Tris-HCl buffer, 0.1 M NaCl, pH 8.0 (1 mM DTT, 10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CLIC4

Entrez GeneID	25932
Protein Accession#	NP_039234
Gene Name	CLIC4
Gene Alias	CLIC4L, DKFZp566G223, FLJ38640, H1, MTCLIC, huH1, p64H1
Gene Description	chloride intracellular channel 4
Omim ID	606536
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	OTTHUMP00000003380|chloride intracellular channel 4 like

Disease

- Tobacco Use Disorder

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