

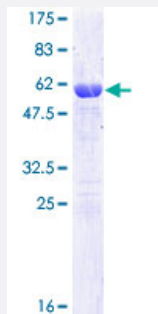
Full-Length

CLIC1 (Human) Recombinant Protein (P01)

Catalog # H00001192-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CLIC1 full-length ORF (AAH64527.1, 1 a.a. - 241 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAEEQPQVELFVKAGSDGAKIGNCPFSQRLFMVLWLKGVTFNVTTVDTKRRTETVQKLCPGGQL
PFLLYGTEVHTDTNKIEEFLEAVLCPPRYPKLAALNPESNTAGLDIFAKFSAYKNSSPALNDNLEK
GLLKALKVLDNYLTSPLPEEVDETSAEDEGVSRKFLDGNELTADCNLLPKLHVQVVCKKYRG
FTIPEAFRGVHRYLSNAYAREEFASCPDDEEIELAYEQVAKALK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

52.25

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CLIC1

Entrez GeneID	1192
GeneBank Accession#	BC064527
Protein Accession#	AAH64527.1
Gene Name	CLIC1
Gene Alias	G6, NCC27
Gene Description	chloride intracellular channel 1
Omim ID	602872
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 1 is a member of the p64 family ; the protein localizes principally to the cell nucleus and exhibits both nuclear and plasma membrane chloride ion channel activity. [provided by RefSeq]
Other Designations	OTTHUMP00000029131 OTTHUMP00000029133 OTTHUMP00000029137 OTTHUMP00000174486 RNCC protein chloride channel ABP nuclear chloride ion channel protein p64CLCP

Disease

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