

## Product datasheet for PH301893

### CLIC4 (NM\_013943) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CLIC4 MS Standard C13 and N15-labeled recombinant protein (NP_039234)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201893
Predicted MW:	28.8 kDa
Protein Sequence:	>RC201893 protein sequence Red=Cloning site Green=Tags(s)  <p>MALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTTVDLKRKPADLQNLAPGTHPPFITFNSEVKTDVNKIEEFLEEVLCPKYLKLSPKHPESNTAGMDIFAKFSAYIKNSRPEANEALERGLLKTLLQKLDEYLN SPLPDEIDENS MEDIKFSTRKFLDGNEMTLADCNLLPKLHIVKVVAKYRNFDI PKEMTGIWRYLTNAYS RDEFTNTCPSDKEVEIAYS DVAKRLTK</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_039234</a>
RefSeq Size:	4452
RefSeq ORF:	759
Synonyms:	CLIC4L; H1; huH1; MTCLIC; p64H1
Locus ID:	25932
UniProt ID:	<a href="#">Q9Y696</a> , <a href="#">Q6FIC5</a>



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Cytogenetics: 1p36.11

**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, Jul 2008]

**Protein Families:** Druggable Genome, Ion Channels: Other

### Product images:



Coomassie blue staining of purified CLIC4 protein (Cat# [TP301893]). The protein was produced from HEK293T cells transfected with CLIC4 cDNA clone (Cat# [RC201893]) using MegaTran 2.0 (Cat# [TT210002]).