

## Product datasheet for **AR09901PU-L**

### CLIC4 (1-253, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CLIC4 (1-253, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MALSMPLNGL KEEDKEPLIE LFKAGSDGE SIGNCPFSQR LFMILWLKGV VFSVTTVDLK RKPADLQNLA PGTHPPFITF NSEVKTDVNK IEEFLEEVLK PPKYLKLSPK HPESNTAGMD IFAKFSAYIK NSRPEANEAL ERGLLKTQK LDEYLNPLP DEIDENSMED IKFSTRKFLD GNEMTLADCN LLPKLHIVKV VAKKYRNFDI PKEMTGIWRY LTNAYSRDEF TNTCPSDKEV EIAYSVAKR LTK
Tag:	His-tag
Predicted MW:	30.9 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CLIC4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_039234</u>
Locus ID:	25932
UniProt ID:	<u>Q9Y696, Q6FIC5</u>
Cytogenetics:	1p36.11
Synonyms:	CLIC4L; H1; huH1; MTCLIC; p64H1



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**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:**