

## Product datasheet for **TP720517M**

### CLIC4 (NM\_013943) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human chloride intracellular channel 4 (CLIC4), nuclear gene encoding mitochondrial protein   |
| Species:                              | Human  |
| Expression Host:                      | E. coli  |
| Expression cDNA Clone or AA Sequence: | Met1-Lys253  |
| Tag:                                  | N-His  |
| Predicted MW:                         | 30.9 kDa   |
| Concentration:                        | lot specific   |
| Purity:                               | >95% as determined by SDS-PAGE and Coomassie blue staining   |
| Buffer:                               | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl  |
| Endotoxin:                            | < 0.1 EU per µg protein as determined by LAL test  |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for at least 3 months from date of receipt under proper storage and handling conditions.  |
| RefSeq:                               | <a href="#">NP_039234</a>  |
| Locus ID:                             | 25932  |
| UniProt ID:                           | <a href="#">Q9Y696</a> , <a href="#">Q6FIC5</a>  |
| Cytogenetics:                         | 1p36.11  |
| Synonyms:                             | CLIC4L; H1; huH1; MTCLIC; p64H1  |
| 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] |



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Protein Families: Druggable Genome, Ion Channels: Other

**Product images:**

