

Product datasheet for **AR09960PU-L**

CLIC2 (1-247, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CLIC2 (1-247, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSGLRPGTQV DPEIELFVKA GSDGESIGNC PFCQRLFMIL WLKGVKFNVTVTVD MTRKPEE LKDLAPGTNP PFLVYNKELK TDFIKIEEFL EQTLAPPRYP HLSPKYKESF DVGCNLFKAF SAYIKNTQKE ANKNFEKSL LKFKRLDDYL NTPLLDEIDP DSAEPPVSR RLFLDGDQLT LADC SLLPKL NIIKVA AKKY RDFDIPAEFS GVVRYLHNAY AREEFHTTCP EDKEIENTYA NVAKQKS
Tag:	His-tag
Predicted MW:	30.5 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 20% glycerol, 0.1M NaCl and 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CLIC2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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_001280</u>
Locus ID:	1193
UniProt ID:	<u>O15247</u>
Cytogenetics:	Xq28
Synonyms:	CLCNL2; CLIC2b; MRXS32; XAP121



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Summary:

This gene encodes a chloride intracellular channel protein. 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. This protein plays a role in inhibiting the function of ryanodine receptor 2. A mutation in this gene is the cause of an X-linked form of cognitive disability. [provided by RefSeq, Jul 2017]

Protein Families:

Druggable Genome, Ion Channels: Other

Product images: