

Proteoliposomes

Full-Length

CLCN1 (Human) Recombinant Protein

Catalog # H00001180-G01

Size 10 ug

Specification

Product Description

Human CLCN1 full-length ORF (AA11587.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MEQSRSQQRGGESWWGSDPQYQYMPFEHCTSYGLPSENGGLQHRLRKDAGPRHNVHPTQIY
GHHKEQFSDREQDIGMPKKTGSSSTVDSKDEDHYSKCQDCIHLRGQVRRKLGEDGIFLVLLGLL
MALVSWMDYVSAKSLQAYKWSYAQMQLPLQLVWVTFPLVLILFSALFCHLISPQAVGSGIP
EMKTILRGVVLKEYLTMAFVAKVVALTAGLGSVIPVGKEGPFVHASICA AVL SKFMSVFCGVYE
QPYYS DILTVGCAVGVGCCFGTPLGGVLF SIEVTSTYFAVRNYWRGFFAATFSAFVFRVLAVWN
KDAVTITALFRTNFRMDPFDLKPFAAAGICCGLLGAVFVYLHRQVMLGVRKHKALSQFLAKH
RLLYPGMVFVIASTFPFPGMGQFMAGELMPREAI STLFDNNTWVKHAGDPESLGQSAVWIHPRV
NVV IIIFFVMKFWMSIVATTMPIPCGGFMPV FVLGA AFGR LVGEIMAMLPD GILFDDIYKILPGGY
AVIGAAALTGAVSHTVSTAVICFELTGQIAHILPMMVAVILANMVAQSLQPSLYDSIIQVKKLPYLPDL
GWNQLSKYTIFVEDIMVRDVKFVSASYTYGELRTLQT TTVKTLPLVDSKDSMILLGSVERSELQAL
LQRHLCPERRLR AAQEMARKLSELPYDGKARLAGEGLPGAPPGRPESFAFVDEDEDEDLSGKS
ELPPSLALHPSTTAPLSPEEPNGPLPGHKQQPEAPEPAGQRPSIFQSL LHCLLGRARPTKKKTTQ
DSTDLVDNMSPEEIEAWEQEQLSQPVCFDSCCIDQSPFQLVEQTTLHKHTLFSLLGLHLAYVTS
MGKLRGVLALEELQKAIEGHTKSGVQLRPPLASFRNTTSTRKSTGAPPSSAENWNLPEDRPGAT
GTGDVIAASPETPVPSPEPPLSLAPGKVEGELEELVESPGLEEELADILQGPSLRSTDEED
EDELIL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

108.68

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

- Antibody Production

Gene Info — CLCN1

Entrez GeneID [1180](#)

GeneBank Accession# [BC111586](#)

Protein Accession# [AAI11587.1](#)

Gene Name CLCN1

Gene Alias CLC1, MGC138361, MGC142055

Gene Description chloride channel 1, skeletal muscle

Omim ID [118425 160800 255700](#)

Gene Ontology [Hyperlink](#)

Gene Summary The CLCN family of voltage-dependent chloride channel genes comprises nine members (CLCN 1-7, Ka and Kb) which demonstrate quite diverse functional characteristics while sharing significant sequence homology. The protein encoded by this gene regulates the electric excitability of the skeletal muscle membrane. Mutations in this gene cause two forms of inherited human muscle disorders: recessive generalized myotonia congenita (Becker) and dominant myotonia (Thomsen). [provided by RefSeq]

Other Designations skeletal muscle chloride channel 1

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Myotonic dystrophy](#)
- [Occupational Diseases](#)

- [Tobacco Use Disorder](#)