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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CLCN1 (Human) Recombinant Protein (P01)

Catalog Number: H00001180-P01

Regulation Status: For research use only (RUO)

Product Description: Human CLCN1 full-length ORF (AAI11587.1, 1 a.a. - 988 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEQSRSQQRGGEQSWWGS DPQYQYMPFEHCTSYG
LPSENGGLQHRLRKDAGPRHNVHPTQIYGHHKEQFS
DREQDIGMPKKTGSSSTVDSKDEDHYSKQCDCIHRGLG
QVVRRLGEDGIFLVLLGLLMALVSWMDYVSAKSLQ
AYKWSYAQMQLPLQLFLVWVTFPLVLILFSALFCHLI
SPQAVGSGIPEMKTILRGVVLKEYLTMKAFVAKVVALT
AGLGS GIPVGKEGPFVHIASICA AVL SKFMSVFCGVYE
QPYYYSDILTVGCAVGVGCCFGTPLGGVLF SIEVTSTY
FAVRNYWRGFFAATFSAFVFRVLAVWNKDAVTITLALF
RTNFRMDFPFDLKE LPAFAAIGICCGLLGAVFVYLHRQ
VMLGVRKHKALSQFLAKHRLLYPGIVTFVIASFTFPPG
MGQFMAGELMPREAI STLFDNNTWVKHAGDPESLGQ
SAVWIHPRVNVV IIIFFVMKFWMSIVATTMPIPCGGF
MPVFVLGAAFGRLVGEIMAMLFPDGILFDDIYKILPGG
YAVIGAAAL TGAVSHTVSTAVICFELTGQIAHILPMMVA
VILANMVAQSLQPSLYDSIIQVKKLPYLPDLGWNQLSK
YTIFVEDIMVRDVKFVSASYTYGELR TLLQTTTVKTLPL
VDSKDSMILLGSVERSELQALLQRHLCPERRLRAAQE
MARKLSELPYDGKARLAGEGLPGAPPGRPESFAFVDE
DEDEDLSGKSELPPSLALHPSTTAPLSPEEPNGPLPG
HKQQPEAPEPAGQRPSIFQSL LHCLLGRARPTKKKTT
QDSTDLVDNMSPEEIEAWEQEQLSQPVCFDSCCIDQS
PFQLVEQTTLHKHTLFSLLGLHLAYVTSMGKLRGVLA
LEELQKAIEGHTKSGVQLRPPLASFRNTTSTRKSTGAP
PSSAENWNLPEDRPGATGTGDVIAASPETVPSPSPE
PPLSLAPGKVEGELELELVESPGLEELADILQGPSL
RSTDEEDEDELIL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 135.63

Interspecies Antigen Sequence: Mouse (87); Rat (87)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1180

Gene Symbol: CLCN1

Gene Alias: CLC1, MGC138361, MGC142055

Gene Summary: The CLCN family of voltage-dependent chloride channel genes comprises nine members (CLCN1-7, 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]