

Chloride channel protein CLC-d (CLC-D), Recombinant Protein

Cat RP04617

Size 1 mg (*E-Coli*)/ 1 mg (*Yeast*)

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Chloride channel protein CLC-d (CLC-D) , partial

Product Gene Name

CLC-D recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MLSNHLQNGI ESDNLLWSRV PESDDTSTDD ITLLNSHRDG DGGVNSLDYE VIENYAYREE QAHRGKLYVG
YYVAVKWFFS LLIGIGTGLA AVFINLSVEN FAGWKFALTF AIIQKSYFAG FIVYLLINLV LVFSSAYIIT
QFAPAAAGSG IPEIKGYLNG IDIPGTLLFR TLIGKIFGSI GSVGGGLALG KEGPLVHTGA CIASLLGQGG
STKYHLNSRW PQLFKSDRDR RDLVTCGCAA GVAAAFRAPV GGVLFALFEEV TSWWRSQLMW RVFF TSAIVA
VVVRTAMGWC KSGICGHFGG GGFIWDVSD GQDDYYFKEL LPMAVIGVIG GLLGALFNQL TLYMTSWRRN
SLHKKGNRVK IIEACIISCI TSAISFGLPL LKRCSPCPES VPDSGIECPR PPGMYGNYVN FFCKTDNEYN
DLATIFFNTQ DDAIRNLFSA KTMREFSAQS LLTFLAMFYT LAVVTFGTAV PAGQFVPGIM IGSTYGRVLG
MFVVRFYKKL NIEEGTYALL GAASFLGGSMTMTVSLCVM VEITNNLKL PLIMLVLLIS KAVGDAFNEG
LYEVQARLKG IPLLESRPKY HMRQMIAKEA CQSQKVISLP RVIRVADVAS ILGSNKHNGF PVIDHTRSGE
TLVIGLVLRSLHLLVLLQSKV DFQHSPLPCD PSARNIRHSF SEFAKPVSSK GLCIEDIHLT SDDLEMYIDL
APFLNPSPYV VPEDMSLTKV YNLFRQLGLR HLFVVPRPSR VIGLITRKDL LIEENGESSA VELQQSTSVR
GRYSETATRM DAARPLDDL LG

Sequence Positions

1-792

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E. coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

87,062 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Chloride channel protein

NCBI Accession

NP_001330038.1

NCBI GI

1063734035

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP04617*

Size *1 mg (E-Coli)/ 1 mg (Yeast)*

NCBI GenBank Nucleotide

NM_001343969.1

NCBI GeneID

832693

NCBI Official Full Name

chloride channel D

NCBI Official Symbol

CLC-D

NCBI Official Synonym Symbols

ATCLC-D; AtCLCd; chloride channel D; CHLORIDE CHANNEL D; CLCd; T19G15.90; T19G15_90

NCBI Protein Information

chloride channel D

NCBI Summary

member of Anion channel protein family

UniProt Gene Name

CLC-D

UniProt Synonym Gene Names

CBSCLC2; AtCLC-d

UniProt Protein Name

Chloride channel protein CLC-d

UniProt Synonym Protein Names

CBS domain-containing protein CBSCLC2

UniProt Primary Accession

P92943

UniProt Secondary Accession

O81491

UniProt Related Accession

P92943

UniProt Comments

Voltage-gated chloride channel.

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