

Recombinant Full Length Arabidopsis Thaliana Putative Cyclic Nucleotide-Gated Ion Channel 19(Cngc19) Protein, His-Tagged

Cat. No. RFL35731AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Putative cyclic nucleotide-gated ion channel 19(CNGC19) Protein (Q9LDR2) (1-729aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-729)
Form	Lyophilized powder
AA Sequence	MAHTRTFTSRNRSVLSNPSFSIDGFDNSTVTLGYTGPLRTQIRPPLVQMSGPIHS TRR TEPLFSPSPQESPDSSSTVDVPPEDDFVFKNANLLRSGQLGMCNDPYCTTCP SYYNRQAA QLHTSRVSASRFRTVLYGDARGWAKRFASSVRRCLPGIMNPHSKFVQ VWTRVLAFSSLVA IFIDPLFFFLLLIQQDNKCIADWRATKVLVSLRSITDLIFFINILLQF RLAYVAPESRI VGAGQLVDHPRKIARHYFRGKFLDMFIVFPIPQIMILRIIPLHLGTRR EESEKQILRAT VLFQYIPKLYRLLPLLAGQTSTGFI FESAWANFVINLLTFMLAGHAVG SCWYLSALQRVK KCMLNAWNISADERRNLIDCARGSYASKSQRDLWRDNASVNAC FQENGYTYGIYLKAVNL TNESSFFTRFSYSLYWGFQQISTLAGNLSPSYSGEVFFT MGIIGLGLLLFARLIGNMHN FLQSLDRRRMEMMLRKR DVEQWMSHRRLPEDIRKRV REVERYTWAATRQVNEELLFENMP DDLQRDIRRHFLFKFLKKVRIFSLMDESVLDSIR ERLKQRTYIRSSTVLHHRGLVEKMFVI VRGEMESIGEDGSVLPLSEG DVCGEELLT

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	WCLSSINPDGTRIKMPPKGLVSNRNVRCVTN VEAFLSVADLEDVTSLF SRFLRSH RVQGAIRYESPYWRLRAAMQIQVAWRYRKRQLQRL NTAHSNSNR
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	CNGC19
Synonyms	CNGC19; CNBT2; At3g17690; MKP6.27; Putative cyclic nucleotide-gated ion channel 19; Cyclic nucleotide-binding transporter 2
UniProt ID	Q9LDR2

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