

Recombinant Full Length Arabidopsis Thaliana Putative Cyclic Nucleotide-Gated Ion Channel 9(Cngc9) Protein, His-Tagged

Cat. No. RFL22316AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Putative cyclic nucleotide-gated ion channel 9(CNGC9) Protein (Q9M0A4) (1-733aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-733)
Form	Lyophilized powder
AA Sequence	MLDCGKKAVKSQVISGRLEKFVRLDSMSDRYSQTS DTGLNRCTLN LQGPTRGGGA QGNNV SSGSFKKGFRKGSKGLWSIGRSIGLGVSRAVFPEDLKVSEKKIFDPQDKFL LLCNKLFVT SCILAVSVDPLFLYLFPVKDNEKCIGIDRKLAIATTLRTVIDAFYLFHMAL RFRTAFVA PSSRVFGRGELVIDPAQIAKRYLQQYFIIDFLSVLPLPQIVVWRFLYISKG ASVLATKRA LRSIILVQYIPR FIRLYPLSSELKRTAGVFAETAWAGAAAYLLLYMLASH IVGAIWYLLA LERYNGCWTKVCSNSSLDCHRNFLFCGNEKMDGYAAWTTIKDSVLQ LNCPVNTTDNPPFD FGIYLRALSSGIVSSKSFVSKYFFCLWWGLQNLSTLGQGLET S TYPGEVIFSIALAIAGL LLLFALLIGNMQTYLQSLTIRLEEMRVKRRDSEQWMHHRMLP PELRERVRRYDQYKWLETR GVDEENLVQNLPKDLRRDIKRHLCLALVRRVPLFENM DERLLDAICERLKPCLYTESSYL VREGDPVNEMLFIRGRLESVT TDGGRSGFFNRS LLKEGDFCGEELLTWALDPKSGSNLP SSTRTAKALTEVEAFALIAD ELKFVASQFRR

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	LHSRQVQHTRFYSSQQWRTWAAIFIQAAW RRYVKKKKLEQLRKEEEEEGEGSVTSIR ATFLASKFAANALRKVHKNRIEAKSTIELVKYQ KPSEPDFSADDTs
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	CNGC9
Synonyms	CNGC9; At4g30560; F17I23.100; Putative cyclic nucleotide-gated ion channel 9; Cyclic nucleotide- and calmodulin-regulated ion channel 9
UniProt ID	Q9M0A4