

Recombinant Full Length Arabidopsis Thaliana Putative Cyclic Nucleotide-Gated Ion Channel 13(Cngc13) Protein, His-Tagged

Cat. No. RFL36883AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Putative cyclic nucleotide-gated ion channel 13(CNGC13) Protein (Q9LD40) (1-696aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-696)
Form	Lyophilized powder
AA Sequence	MAFGRNNRVRFRDWISEGTEYGYGRNKARPSLNTVLKNVRRGLKKPLSFGSHNKK RDSNS STTTQKNIINPQGSFLQNWNIKILFASVIALAIDPLFFYIPIVDGERHCLNLHR NLEIAA SVLRTFIDAFYIIHIVFQFRTAYISPSSRVFGRGELVDDPKAIAIKYLSSYFIIDL LSIL PLPQLVVLAVIPNVNKPVSLITKDYLTIVIFTQYIPRILRIYPLYTEVTRTSGIVTETA W AGAAWNLSLYMLASHVFGALWYLISVEREDRCWREACEKIPEVCNFRFLYCDGN SSVRND FLTTSCPFINPDDITNSTVFNFNGIFTDALKSGIVESDDFWKKFFYCFWWGL RNLSALGQN LNTSKFVGEIIFAVSICISGLVLFALLIGNMQKYLESTTVREEEMRVRKR DAEQWMSHRM LPDDLRLKRIRRYEQYKWQETRGVVEENLLRNLPKDLRRDIKRHFC LDLLKKVPLFEIMDE QLLDAVCDKLKPVLYTENSYAIREGDPVEEMLFVMRGKLMSA TTNGGRTGFFNAVYLKPS DFCGEDLLTWALDPQSSSHFPISTRTVQALTEVEAFALA ADDLKLVASQFRRLHSKQLQH TFRFYSVQWRTWGASFIQAAWRRHCRRLARSLT

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	EEEDRFRNAITKRERNAASSSSLVAT LYASRFASNALRNLRNNTNNLPLLPPKPSEPDF SLRNP
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	CNGC13
Synonyms	CNGC13; At4g01010; F3I3.1; Putative cyclic nucleotide-gated ion channel 13; Cyclic nucleotide- and calmodulin-regulated ion channel 13
UniProt ID	Q9LD40