

Recombinant Full Length Arabidopsis Thaliana Probable Cyclic Nucleotide-Gated Ion Channel 20, Chloroplastic(Cngc20) Protein, His-Tagged

Cat. No. RFL4141AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable cyclic nucleotide-gated ion channel 20, chloroplastic(CNGC20) Protein (Q9LD37) (26-764aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (26-764)
Form	Lyophilized powder
AA Sequence	AFTSRSRSVLSNPTSSIEGFDSTVVLGYTGPLRTQRRPPLVQMSGPLTSTRKHEP LFL PHPSSDSVGVSSQPERYPSFAALEHKNSSEDEFVLKHANLLRSGQLGMCNDP YCTTCPSY YNRKAAQIPTSRVSALFDSTFHNALYDDAKGWARRFASSVNRYLPGIM NPHAKEVQTWTK FFALSCLLAIFIDPLFFFLIKVQEQNKCIMIDWPMTKAFVAVRSVT DVIFTMNILLQFRL AYWARESTVVGAGQLVSHPKKIALHYLKGGFFDLFIVMPLPQILI LWIIPAHLGASGAN YAKNLLRAAVLFQYIPKLYRLLPFLAGQTPTGFIFESAWANFVIN LLTFMLAGHVVGSCW YLFGQLQRVNQCLRNACGNFGRECQDLIDCGNGNSSVLVRA TWKDNASANACFQEDGFPYG IYLKAVNLTNHSNLFTRYSSLSFWGFFQISTLAGNQ VPSYFLGEVFFTMGIIGLGLLLFA LLIGNMQNFLQALGKRNLNLEMTLRRRDVEQWMSH RRLPDGIRRRVREAERFNWAATRGVNE ELLFENMPDDLQRDIRRHFLFKLKKVRIFS

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LMDEPILDAIRERLKQRTYIGSSTVLHRGG LVEKMFIVRGEMESIGEDGSVLPLYEG
DVCGEELLTWCLERSSVNPDPGTRIRMPKGLL SSRNVRCVTNVEAFSLSVADLEDV
TSLFSRFLRSHRVQGAIRYDSPYWRLRAARQIQVAW RYRRRLHRLCTPQSSYSL

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 multiple 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 CNGC20

Synonyms CNGC20; CNBT1; At3g17700; MKP6.28; Probable cyclic nucleotide-gated ion channel 20, chloroplastic; Cyclic nucleotide-binding transporter 1

UniProt ID [Q9LD37](#)

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