

Recombinant Full Length Arabidopsis Thaliana Cyclic Nucleotide-Gated Ion Channel 11(Cngc11) Protein, His-Tagged

Cat. No. RFL31827AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Arabidopsis thaliana Cyclic nucleotide-gated ion channel 11(CNGC11) Protein (Q9SKD6) (1-621aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Arabidopsis thaliana

Source

E.coli

ProteinLength

Full Length (1-621)

Form

Lyophilized powder

AA Sequence

MNLQRRKFVRLDSTGVDGKLKSVRGRLKKVYGKMKLTENWRKTVLLACVVALAIDP
LFLF IPLIDSQRFCFTFDKTLVAVVCVIRTFIDTFYVIHIIYYLITETIAPRSQASLRGEIVV
H SKATLKTRLLFHFIVDIISVLPQPQVVVLTLIPLSASLVSERILKWIILSQYVPRIIRMY P
LYKEVTRAFGTVAESKRVGAAALNFFLYMLHSYVCGAFWYLSSIERKSTCWRAACAR
TSD CNLTVTDLLCKRAGSDNIRFLNTSCPLIDPAQITNSTDFDFGMYIDALKSGVLEV
KPKDF PRKFVYCFWWGLRNISALGQNLETSNSAGEIFFAIICVSGLLLFVLIGNVQK
YLSST TRVDEMEEKKRDTEKWMYSYREIPEYLKERIRRFEDYKWRRTKGTEEEALL
RSLPKDLRLE TKRYLFLKLLKKVPLLQAMDDQLLDALCARLKTVHYTEKSYIVREGE
VEDMLFIMRGNL ISTTTYGGRTGFFNSVDLIAGDSCGDLLTWALYSLSSQFPISRTV
QALTEVEGFVISAD DLKFVATQYRRLHSQLQHMFRFYSLQWQTWAACFIQA
AWK RHCRRKLSKALREEEGKLH NTLQNDSSGGNKLNLGAAIYA

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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	CNGC11
Synonyms	CNGC11; At2g46440; F11C10.13; Cyclic nucleotide-gated ion channel 11; Cyclic nucleotide- and calmodulin-regulated ion channel 11
UniProt ID	Q9SKD6