

Recombinant Full Length Arabidopsis Thaliana Cyclic Nucleotide-Gated Ion Channel 2(Cngc2) Protein, His-Tagged

Cat. No. RFL20178AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Cyclic nucleotide-gated ion channel 2(CNGC2) Protein (O65718) (1-726aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-726)
Form	Lyophilized powder
AA Sequence	MPSHPNFIFRWIGLFSDKFRRQTTGIDENSNLQINGGDSSSSGSDETPVLSSVEC CTQ VGVPAFHSTSCDQAHAPWEWRASAGSSLVPIQEGSVPNPARTFRRLKGPFG VLDPRSKR VQRWNRALLLARGMALAVDPLFFYALSIGRTTGPACLYMDGAFAAVT VLRTCLDAVHLW HVWLQFRLAYVSRESLVVGCGLVWDPRAIASHYARSLTGFWF DVIVILPVPQAVFWLVV PKLIREEKVKLIMTILLIFLQFLPKIYHCICLMRRMQKVTGY IFGTIWWGFALNLIAY FIAHVAGGCWYVLAIQRVASCIRQQCMRTGNCNLSLACKE EVCYQFVSPTSTVGYPCLS GNLTSVVNKPMCLDSNGPFYRGIYRWALPVISSNSLA VKILYPIFWGLMTLSTFANDLEP TSNWLEVIFSIVMVLGLLLFTLLIGNIQVFLHAVMA KKRKMQIRCRDMEWWWKRRQLPS RLRQVRRRFERQRWNALGGEGELELIHDLPP GLRRDIKRYLCFDLINKVPLFRGMDDLIL DNICDRAKPRVFSKDEKIIREGDPVQRMIF IMRGRVKRIQSLSKGVLATSTLEPGGYLGD ELLSWCLRRPFLDRLPPSSATFVCLEN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	IEAFSLGSEDLRYITDHFYKFRANERLKRTARY YSSNWRTWAAVNIQMAWRRRRKR TRGENIGGSMSPVSENSIEGNSERRLLQYAAMFMSIR PHDHLE
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	CNGC2
Synonyms	CNGC2; DND1; At5g15410; T20K14_20; Cyclic nucleotide-gated ion channel 2; AtCNGC2; Cyclic nucleotide- and calmodulin-regulated ion channel 2; Protein DEFENSE NO DEATH 1
UniProt ID	O65718