

Recombinant Full Length Mouse Cyclic Nucleotide-Gated Cation Channel Alpha-4(Cnga4) Protein, His-Tagged

Cat. No. RFL16748MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Mouse Cyclic nucleotide-gated cation channel alpha-4(Cnga4) Protein (Q3UW12) (1-575aa), fused to N-terminal His tag, was expressed in E. coli.

Species Mus musculus

Source E.coli

ProteinLength Full Length (1-575)

Form Lyophilized powder

AA Sequence

MSQDSKVKTTESTPPAPTARKWLPVLDPSGDYYYWWLNTMVFPIMYNLIIVVCRA
 CFPD LQHSYLVAWFVLDYTSDLLYLLDIGVRFHTGFLEQGILVVDKSMIASRYVRTW
 SFLLDLA SLVPTDAAYVQLGPHIPTLRRLNRFLRVPRLFEAFDRTESTRAYPNAFRIAK
 LMIYIFVVI HWNSCLYFALSRYLGFGRDAWVYPDPAQPGFERLRRQYLYSFYFSTLIL
 TTVGDTPLPAR EEEYLFMVGDFLLAVMGFATIMGSMSSVIYNMNTADAAFYPDHAL
 VKKYMKLQHVNRRLR RRVIDWYQHLQINKKMTNEVAILQHLPERLRAEVAVSVHLS
 TLSRVQIFQNCEASLLEEL VLKLQPQTYSPGEYVCRKGDIGREMYIIREGQLAVVAD
 DGVTQYAVLGAGLYFGEISIIN IKGNMSGNRRTANIKSLGYSDFCLSKEDLREVLSE
 YPQAQAVMEEKGREILLKMNKLDV NAEAAEIALQEATESRLKGLDQQLDDLQTKFA
 RLLAELESSALKIAYRIERLEWQTREWP MPDDMGEADDEAEPGEGTSKDGEKAG
 QEGPSGLE

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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 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	Cnga4
Synonyms	Cnga4; Cyclic nucleotide-gated cation channel alpha-4; Cyclic nucleotide-gated channel alpha-4; CNG channel alpha-4; CNG-4; CNG4
UniProt ID	Q3UW12

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