

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

Cat. No. RFL30393HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Cyclic nucleotide-gated cation channel alpha-4(CNGA4) Protein (Q8IV77) (1-575aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length (1-575aa)

Form Lyophilized powder

AA Sequence

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MSQDTKVKTTESSPPAPSKARKLLPVLDPSGDYYYWWLNTMVFPVMYNLILVCRA
CFPDLQHGVLVAWLVLDTSDLLYLLDMVVRFHTGFLEQQILVVDKGRISSRYVRTW
SFFLDLASLMPTDVVYVRLGPHTPTLRLNRFLRAPRLF EAFDR TETR TAYPNAFRIAK
LMLYIFVVIHWNSCLYFALSRYLGFGRDAWVYPDPAQPGFERLRRQYLYSFYFSTLIL
TTVGDTPPPAREEEYLFMVGDFLLAVMGFATIMGSMSSVIYNMNTADAAFYDPHALV
KKYMKLQHVNRKLERRIDWYQHLQINKKMTNEVAILQHLPERLRAEVAVSVHLSTL
SRVQIFQNCEASLLEELVLKLQPQTYSPEYVCRKGDIGQEMYIIREGQLAVVADDGI
TQYAVLGAGLYFGEISIINIKGNMSGNRRTANIKSLGYSDLFCLSKEDLREVLSEYPQA
QTIMEEKGREILLKMNKLDVNAEAAEIALQEATESRLRGLDQQLDDLQTKFARLLAEL
ESSALKIAYRIERLEWQTREWPMPEDLAEADDEGEPEEGTSKDEEGRASQEGPPG
PE Note: The complete sequence including tag sequence, target protein sequence an
    
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d linker sequence could be provided upon request.

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 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 [Q8IV77](https://www.uniprot.org/entry/Q8IV77)

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