

Recombinant Human CNGA4 Full Length Transmembrane protein (1-575 aa), His-SUMO-tagged

Cat. No. CNGA4-2708H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNGA4 Protein (1-575 aa) is produced by in vitro E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal.
Species	Human
Source	E.coli
ProteinLength	1-575aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	82.0kDa
AA Sequence	MSQDTKVKTTESSPPAPSKARKLLPVLDPSGDYYYWWLNTMVFPVMYNLIILVCRA CFPDLQHGILVAWLVLDTSDLLYLLDMVVRFHTGFLEQGILVVDKGRISSRYVRTW SFFLDLASLMPTDVVYVRLGPHTPTLRLNRFLRAPRLF EAFDR TETRTAYPNAFRIAK LMLYIFVVIHWNSCLYFALSRYLGFG RDAWVYPDPAQPGFERLRRQYLYSFYFSTLIL TTVGDTPPPAREEEYLFMVGD FLLAVMGFATIMGSMSSVIYNMNTADAAFYDPDHALV KKYMKLQHVNRKLERRVIDWYQHLQINKKMTNEVAILQHLPERLRAEVAVSVHLSTL SRVQIFQNCEASLLEELVLKLQPQTYS PGEYVCRKGDIGQEMYIIREGQLAVVADDGI TQYAVLGAGLYFGEISIINIKGNMSGNRRTANIKSLGYSDLFCLSKEDLREVLSEYPQA

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QTIMEEKGREILLKMNKLDVNAEAAEIALQEATESRLRGLDQQQLDDLQTKFARLLAEL
ESSALKIAYRIERLEWQTREWPMPEDLAEADDEGEPEEGTSKDEEGRASQEGPPG
PE

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name [CNGA4 cyclic nucleotide gated channel alpha 4 \[Homo sapiens \]](#)

Official Symbol [CNGA4](#)

Synonyms CNGA4; cyclic nucleotide gated channel alpha 4; CNCA2, CNGB2, cyclic nucleotide gated channel beta 2; cyclic nucleotide-gated cation channel alpha-4; CNG5; OCNC2; OCNCb; CNG channel alpha-4; cyclic nucleotide gated channel beta 2; CNG4; CNCA2; CNG-4; CNGB2; OCNCBETA; MGC126168; MGC126169;

Gene ID [1262](#)

mRNA Refseq [NM_001037329](#)

Protein Refseq [NP_001032406](#)

MIM [609472](#)

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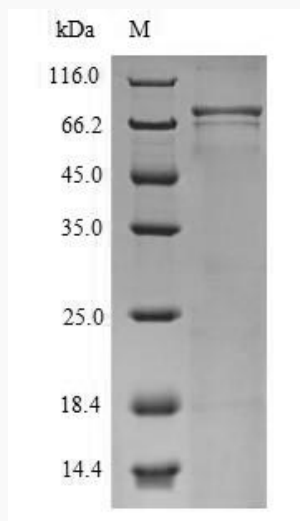
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UniProt ID

Q8IV77

SDS-PAGE

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