

Recombinant Human CNGA3 protein, GST-tagged

Cat. No. CNGA3-157H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNGA3 protein(NP_001073347)(590-694 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	590-694 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	EYPEAKKALEEKGRQILMKDNLIDEELARAGADPKDLEEKVEQLGSSLDLQTRFAR LLAEYNATQMCMKQRLSQLESQVKGGGDKPLADGEVPGDATKTEDKQQ
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.
Concentration	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

CNGA3 cyclic nucleotide gated channel alpha 3 [Homo sapiens]

Official Symbol

CNGA3

Synonyms

CNGA3; cyclic nucleotide gated channel alpha 3; ACHM2, CNCG3; cyclic nucleotide-gated cation channel alpha-3; CCNC1; CCNCa; CNG3; CNG-3; CNG channel alpha-3; cyclic nucleotide-gated channel alpha-3; cone photoreceptor cGMP-gated channel alpha subunit; cone photoreceptor cGMP-gated channel subunit alpha; ACHM2; CNCG3; CCNCalpha;

Gene ID

1261

mRNA Refseq

NM_001079878

Protein Refseq

NP_001073347

MIM

600053

UniProt ID

Q16281

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