

Recombinant Full Length Human CNGA4 Protein, GST-tagged

Cat. No. CNGA4-1922HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CNGA4 full-length ORF (NP_001032406.1, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	575 amino acids
Description	CNGA4 is a modulatory subunit of vertebrate cyclic nucleotide-gated membrane channels that transduce odorant signals (Munger et al., 2001 [PubMed 11739959]).[supplied by OMIM, Mar 2008]
Molecular Mass	92.4 kDa
AA Sequence	MSQDTKVKTTESSPPAPSKARKLLPVLDPSGDYYYWWLNTMVFPVMYNLIILVCRA CFPDLQHGYLVAWLVLDTSDLLYLDDMVVRFHTGFLEQGILVVDKGRISSRYVRTW SFFLDLASLMPTDVVYVRLGPHTPTLRLNRFLRAPRLFEDRTETRTAYPNAFRIAK LMLYIFVVIHWNSCLYFALSRYLGFRDAWVYPDPAQPGFERLRRQYLYSFYFSTLIL TTVGDTPPPAREEEYLFMVGDFFLAVMGFATIMGSMSSVIYNMNTADAAFYPDHALV KKYMKLQHVNRKLERRVIDWYQHLQINKKMTNEVAILQHLPRLRAEVAVSVHLSTL SRVQIFQNCEASLLEELVLKLQPQTYSPGEYVCRKGDIGQEMYIIREGQLAVVADDGI TQYAVLGAGLYFGEISIINIKGNMSGNRRTANIKSLGYSDLFCLSKEDLREVLSEYPQA QTIMEEKGREILLKMNKLDVNAEAAEIALQEATESRLRGLDQQLDDLQTKFARLLAEL ESSALKIAYRIERLEWQTREWPMPEDLAEADDEGEPEEGTSKDEEGRASQEGPPG

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	PE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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UniProt ID

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