

# Recombinant Full Length Human CNGA4 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human CNGA4 full-length ORF ( NP_001032406.1, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	575 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	92.4 kDa
<b>AA Sequence</b>	<p>MSQDTKVKTTESSPPAPSKARKLLPVLDPSGDYYYWWLNTMVFPVMYNIILVCRA            CFPDLQHGYLVAWLVLVDYTSDLLYLLDMVVRFHTGFLEQGILVVDKGRISSRYVRTW            SFFLDLASLMPTDVVYVRLGPHTPTLRLNRFLRAPRLF EAFDR TETRTAYPNAFRIAK            LMLYIFVVIHWNSCLYFALSRYLGFGRDAWVYPDPAQPGFERLRRQYLYSFYFSTLIL            TTVGDTPPPAREEEYLFMVGDFLLAVMGFATIMGSMSSVIYNMNTADAAFYPDHALV            KKYMKLQHVNRKLERRIDWYQHLQINKKMTNEVAILQHLPERLRAEVAVSVHLSTL            SRVQIFQNCEASLLEELVLKLQPQTYSPEYVCRKGDIGQEMYIIREGQLAVVADDGI            TQYAVLGAGLYFGEISIINIKGNMSGNRRRTANIKSLGYSDLFCLSKEDLREVLSEYPQA            QTIMEEKGREILLKMNKLDVNAEAAEIALQEATESRLRGLDQQLDDLQTKFARLLAEL            ESSALKIAYRIERLEWQTREWPMPEDLAEADDEGEPEEGTSKDEEGRASQEGPPG</p>

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CNGA4 cyclic nucleotide gated channel alpha 4 [ Homo sapiens ]
<b>Official Symbol</b>	CNGA4
<b>Synonyms</b>	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
<b>Gene ID</b>	1262
<b>mRNA Refseq</b>	NM_001037329
<b>Protein Refseq</b>	NP_001032406
<b>MIM</b>	609472

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UniProt ID

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