

Recombinant Full Length Human CNGA2 Protein, GST-tagged

Cat. No. CNGA2-1918HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CNGA2 full-length ORF (BAG54645.1, 1 a.a. - 664 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	664 amino acids
Description	The protein encoded by this gene represents the alpha subunit of a cyclic nucleotide-gated olfactory channel. The encoded protein contains a carboxy-terminal leucine zipper that mediates channel formation. [provided by RefSeq, Jan 2010]
Molecular Mass	102.5 kDa
AA Sequence	MTEKTNGVKSSPANNHNHHAPPAIKANGKDDHRTSSRPHSAADDDTSSELQRLAD VDAPQQGRSGFRRIVRLVGIIREWSNKNFREEEPRPDSFLERFRGPELQTVTTQEG DGKGDKDGEDKGTKKKFELFVLDPAGDWYYCWLFVIAMPVLYNWCLLVARACFSD LQKGYLVWLVDYVSDVVIADLFIRLRTGFLEQGLLVKDTKKLRDNYIHTLQFKLD VASIPTDLIYFAVDIHSPEVRFNRLLHFARMFEFFDRTETRTNYPNIFRISNLVLYILVII HWNACIYYAISKSIGFGVDTWVYPNITDPEYGYLAREYIYCLYWSTLTLTIGETPPPV KDEEYLFVIFDFLIGVLIFATIVGNVGSNMISNMNATRAEFQAKIDAVKHVMQFRKVSKE MEAKVIRWFDYLWTNKKTVDEREILKNLPKLRAEIAINVHLSTLKKVRIFHDCEAGLL VELVLKLRPQVFSPGDYICRKGDIGKEMYIIEGKLAVVADDGVTQYALLSAGSCFGE ISILNIKGSKMGNRRRTANIRSLGYSDLFCLSKDDLMEAVTEYPDAAKKVLEERGRELIM

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KEGLLDENEVATSMEVDVQEKLGQLETNMETLYTRFGRLLAEYTGAQQKLKQRITVL
ETKMKQNNEDDYLSDGMNSPELAAADEP

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

CNGA2 cyclic nucleotide gated channel alpha 2 [Homo sapiens]

Official Symbol

CNGA2

Synonyms

CNGA2; cyclic nucleotide gated channel alpha 2; CNCA, CNCA1; cyclic nucleotide-gated olfactory channel; CNG2; FLJ46312; OCNC1; OCNCa; OCNCalpha; OCNCALPHA; CNG-2; CNG channel alpha-2; cyclic nucleotide-gated channel alpha-2; cyclic nucleotide-gated cation channel 2; cyclic-nucleotide-gated cation channel 2; cyclic-nucleotide-gated olfactory channel; CNCA; CNCA1

Gene ID

1260

mRNA Refseq

NM_005140

Protein Refseq

NP_005131

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MIM	300338
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UniProt ID	Q16280
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