

Recombinant Human CNGA2 Protein, GST-tagged

Cat. No. CNGA2-1556H **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	Wheat Germ
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 VDAPQQGRSGFRRIVRLVGIIREWSNKNFREEPRPDSFLERFRGPELQTVTTQEG DGKGDKDGEDKGTKKKFELFVLDPAGDWYYCWLFVIAMPVLYNWCLLVARACFSD LQKGYYLVWLVDYVSDVVIADLFIRLRTGFLEQGLLVKDTKKLRDNYIHTLQFKLD VASIIPTDLIYFAVDIHSPEVRFNRLLHFARMFEFFDRTETRTNYPNIFRISNLVLYILVII HWNACIYYAISKSIGFGVDTWVYPNITDPEYGYLAREYIYCLYWSTLTLTIGETPPPV KDEEYLFVIFDFLIGVLIFATIVGNVGSISMNMNATRAEFQAKIDAVKHVMQFRKVSKE MEAKVIRWFDYLWTNKKTVDEREILKNLPALKRAEIAINVHLSTLKKVRIFHDCEAGLL VELVLKLRPQVFSPGDYICRKGDIGKEMYIIKEGKLAVVADDGVTQYALLSAGSCFGE ISILNIKGSKMGNRRRTANIRSLGYSDLFCLSKDDLMEAVTEYPDAAKKVLEERGRIILM KEGLLDENEVATSMEVDVQEKLGQLETNMETLYTRFGRLLAEYTGAAQQLKQKITVL

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	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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