

Recombinant Full Length Rat Cyclic Nucleotide-Gated Olfactory Channel(Cnga2) Protein, His-Tagged

Cat. No. RFL20753RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Cyclic nucleotide-gated olfactory channel(Cnga2) Protein (Q00195) (1-664aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-664)
Form	Lyophilized powder
AA Sequence	MMTEKSNGVKSSPANNHNHHPPPSIKANGKDDHRAGSRPQSVAADDDTSPELQRL AEMDT PRRGRGGFQRIVRLVGVIRDWANKNFREEEPRPDSFLERFRGPELQTVTT HQGDDKGGKD GEGKGTKKKFELFVLD PAGDWYYRWLFVIAMPVLYNWCLLVARA CFSDLQRNYFVWWLVL DYFSDTVYIADLIIRLRTGFLEQGLLVKDPKKLRDNYIHTLQ FKLDVASIIPTDLIYFAV GIHSPEVRFNRLHFARMFEFFDRTESTRSYPNIFRISNLVL YILVIIHWNACIYYVISK SIGFGVDTWVYPNITDPEYGYLAREYIYCLYWSTLTLTIGE TPPPVKDEEYLFVIFDFL IGVLFATIVGNVGS MISNMNATRAEFQAKIDAVKHVMQFR KVSKDMEAKVIKWFDFLWT NKKTVDEREVLKNLPAKLRAEIAINVHLSTLKKVRIFQD CEAGLLVELVLKLRPQVFSPG DYICRKGDIGKEMYIIKEGKLAVVADDGVTQYALLSA GSCFGEISILNIKGSKMGNRRTA NIRSLGYSDLFCLSKDDLMEAVTEYPDAAKKVLEE RGREILMKEGLLDENEVAASMEVDVQ EKLEQLETNMDTLYTRFARLLAEYTGAAQKQ LKQRITVLETMKMKQN HEDDYLSDGINTPEP TAAE

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Cnga2
Synonyms	Cnga2; Cncg2; Cyclic nucleotide-gated olfactory channel; Cyclic nucleotide-gated cation channel 2; Cyclic nucleotide-gated channel alpha-2; CNG channel alpha-2; CNG-2; CNG2; Cyclic nucleotide-gated olfactory channel subunit OCNC1
UniProt ID	Q00195

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