



# Recombinant Rat Cyclic nucleotide-gated olfactory channel (Cnga2)

<b>Product Code</b>	CSB-CF005643RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q00195
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Sequence</b>	<p>MMTEKSNGVKSSPANNHNHPPPSIKANGKDDHRAGSRPQSVAAADDDTSPE  LQRLAEMDT  PRRGRGGFQRIVRLVGVIRDWANKNFREEEPRPDSFLERFRGPELQTVTTHQ  GDDKGGKD  GEGKGTKKKFELFVLDPAGDWYYRWLFVIAMPVLYNWCLLVARACFSDLQRN  YFVWLVL  DYFSDTVYIADLIIRLRTGFLEQGLLVKDPKLRDNYIHTLQFKLDVASIIPDILY  FAV  GIHSPEVRFNRLHFARMFEFFDRTE TRTSYPNIFRISNLVLYILVIIHWNACIYY  VISK  SIGFGVDTWVYPNITDPEYGYLAREYIYCLYWSTLTLTTIGETPPPVKDEEYLFV  IFDFL  IGVLIFATIVGNVGS MISNMNATRAEFQAKIDAVKHVMQFRKVKSKDMEAKVIKW  FDYLWT  NKKTVDEREVLKNLPAKLRAEIAINVHLSTLKKVRIFQDCEAGLLVELVLKLRPQ  VFSPG  DYICRKGDIGKEMYIIKEGKLAVVADDGVTQYALLSAGSCFGEISILNIKGSKMG  NRRTA  NIRSLGYSDFCLS KDDLMEAVTEY PDAKKVLEERG REILMKEGLLDENEVAAS  MEVDVQ  EKLEQLETNMDTLYTRFARLLAEYTGAAQQKLRITVLETMKMKQNHEDDYLS  D GINTPEP TAAE</p>
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	Cnga2
<b>Protein Names</b>	Recommended name: Cyclic nucleotide-gated olfactory channel Alternative name(s): Cyclic nucleotide-gated cation channel 2 Cyclic nucleotide-gated channel alpha-2 Short name= CNG channel alpha-2 Short name= CNG-2 Short name=
<b>Expression Region</b>	1-664
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ . The shelf life of lyophilized form is 12 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ .