

Recombinant Human CNGA4 Protein, GST-tagged

Cat. No. CNGA4-1558H Lot. No. (See product label)

SPECIFICATION

Product Overview Human CNGA4 full-length ORF (NP_001032406.1, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source Wheat Germ

Description 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]

Molecular Mass 92.4 kDa

AA Sequence

```
MSQDTKVKTTESSPPAPSKARKLLPVLDPSGDYYYWWLNTMVFPVVMYNLILVCRA
CFPDLQHGVLVAWLVLDTSDLLYLLDMVVRFHTGFLEQQGILVVDKGRISSRYVRTW
SFFLDLASLMPTDVVYVRLGPHTPTLRLNRFLRAPRLF EAFDR TETR TAYPNAFRIAK
LMLYIFVVIHWNSCLYFALSRYLGFGRDAWVYPDPAQPGFERLRRQYLYSFYFSTLIL
TTVGDTPPPAREEEYLFMVGDFLLAVMGFATIMGSMSSVIYNMNTADAAFYPDHALV
KKYMKLQHVNRKLERRIDWYQHLQINKKMTNEVAILQHLPERLRAEVAVSVHLSTL
SRVQIFQNCEASLLEELVLKLQPQTYSPEYVCRKGDIGQEMYIIREGQLAVVADDGI
TQYAVLGAGLYFGEISIINIKGNMSGNRRTANIKSLGYSDLFCLSKEDLREVLSEYPQA
QTIMEEKGREILLKMNKLDVNAEAAEIALQEATESRLRGLDQQLDDLQTKFARLLAEL
ESSALKIAYRIERLEWQTREWPMPEDLAEADDEGEPEEGTSKDEEGRASQEGPPG
PE
```

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|-----------------------|---|
| 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 | CNGA4 cyclic nucleotide gated channel alpha 4 [Homo sapiens] |
| Official Symbol | CNGA4 |
| Synonyms | 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; |
| Gene ID | 1262 |
| mRNA Refseq | NM_001037329 |
| Protein Refseq | NP_001032406 |
| MIM | 609472 |
| UniProt ID | Q8IV77 |

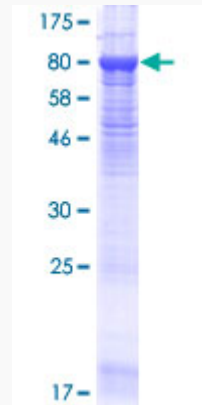
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA