

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	CNGA4
Synonyms	CNCA2, CNG-4, CNG4, CNG5, CNGB2, OCNC2, OCNCBETA, OCNCb
Description	Human CNGA4-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q8IV77
Expression Host	HEK293
Protein Families	Ion Channels: Cyclic nucleotide gated
Protein Pathways	N/A
Molecular Weight	The human full length CNGA4-Strep protein has a MW of 66 kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

