SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

# Product Information

## MemDX™ Recombinant Human CNGA4 Membrane Protein in Virus-Like Particles (MP-VLPs)

Cat. No.: **S01YF-0622-KX95**
This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human CNGA4 in VLPs form. This product is produced from HEK293 by co-expressing the retroviral structural core polyprotein (gag) and the target membrane protein. MP-VLPs display highly-expressed copies of membrane proteins in their native conformation, providing an alternative to membrane protein stable cell lines, membrane preparations, detergent-solubilized proteins and other membrane protein preparation strategies. MP-VLPs can be used for a wide range of applications in antibody production, antibody discovery, antibody characterization, binding assays and functional assays.

## Product Specifications

**Host Species**
Human

**Target Protein**
CNGA4

**Protein Length**
Full length

**Protein Class**
Ion channel

**TMD**
6

**Sequence**
MSQDTKVKTTESSPPAPSKARKLLPVLDPSGDYYYWWLNTMVFPVMYNLIILVCRACFPDLQHGYLVAWLVLDYTSDLLYLLDMVV

## Product Description

**Application**
ELISA; Antibody Production; Antibody Discovery; Antibody Characterization; Binding Assays; Functional Assays

**Expression Systems**
HEK293 expression system

**Tag**
10xHis tag at the C-terminus

**Protein Format**
Membrane Protein-Virus Like Particles (MP-VLPs)

**Form**

Liquid

**Buffer**

PBS, 6% Trehalose, pH 7.4

**Storage**

The product should be stored at -20°C or lower. Avoid freeze-thaw cycles.

## Target

**Target Protein**

CNGA4

**Full Name**

Cyclic nucleotide gated channel subunit alpha 4

**Introduction**

CNGA4 is a modulatory subunit of vertebrate cyclic nucleotide-gated membrane channels that transduce odorant signals.

**Alternative Names**

CNGA4; CNG4; CNG5; CNCA2; CNG-4; CNGB2; OCNC2; OCNCb; OCNCBETA; cyclic nucleotide-gated cation channel alpha-4; CNG channel alpha-4; cyclic nucleotide gated channel alpha 4; cyclic nucleotide gated channel beta 2; Cyclic nucleotide gated channel subunit alpha 4

**Gene ID**

1262

**UniProt ID**

Q8IV77

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com