

PRODUCT INFORMATION

Tag C-Flag&Strep Tag

OPRK Target

K-OR-1, KOP, KOR, KOR-1, KOR1, OPRK **Synonyms**

Human OPRK-Strep full length protein-synthetic **Description**

nanodisc **Delivery** 6~8weeks **Uniprot ID** P41145

Expression Host HEK293

Formulation & Reconstitution

Storage & Shipping

Background

Protein Families GPCR, Transmembrane, Druggable Genome,

GPCRDB Class A Rhodopsin-like, Peptide GPCRs, G-**Protein Pathways** Protein Coupled Receptors Signaling Pathway,

The human full length OPRK-Strep protein has a **Molecular Weight**

MW of 42.6 kDa

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.

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.

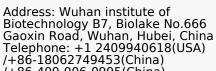
This gene encodes an opioid receptor, which is a member of the 7 transmembrane-spanning G protein-coupled receptor family. It functions as a receptor for endogenous ligands, as well as a receptor for various synthetic opioids. Ligand binding results in inhibition of adenylate cyclase activity and neurotransmitter release. This opioid receptor plays a role in the perception of pain and mediating the hypolocomotor, analgesic and aversive actions of synthetic opioids. Variations in this gene have also been associated with alcohol

dependence and opiate addiction. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. A recent study provided evidence for translational readthrough in this gene, and expression of an additional C-terminally extended isoform via the use of an alternative in-frame translation termination codon. [provided by RefSeq, Dec

> Email: info@dimabio.com Website: www.dimabio.com

2017]

Usage Research use only Conjugate Unconjugated



/+86-400-006-0995(China)

