

PRODUCT INFORMATION

Tag C-Flag&Strep Tag

Target O51E2

Storage & Shipping

Background

Synonyms HPRAJ, OR51E3P, OR52A2, PSGR

DescriptionHuman O51E2-Strep full length protein-synthetic

nanodisc

Delivery 6~8weeks

Uniprot ID Q9H255

Expression Host HEK293

Protein Families GPCR, Transmembrane, Druggable Genome,

Protein Pathways Cancer, Androgen Signaling and Prostate Cancer,

Molecular Weight

The human full length O51E2-Strep protein has a

MW of 35.5 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

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

témperature.

Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and harmone receptors and are receptors later the

hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor

genes and proteins for this organism is independent of other organisms. [provided by

RefSeq, Jul 2008]

Usage Research use only
Conjugate Unconjugated

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