Delivery

Background



PRODUCT INFORMATION

OR2H2 **Target**

FAT11, OLFR2, OLFR42B, OR2H3, dJ271M21.2, **Synonyms**

hs6M1-12

Human OR2H2 full length protein-synthetic **Description**

nanodisc 6~8weeks

095918 **Uniprot ID Expression Host HEK293**

Protein Families Transmembrane, Druggable Genome,

Protein Pathways GPCRDB Class A Rhodopsin-like,

The human full length OR2H2 protein has a MW of **Molecular Weight**

34.8kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions. Do not use solvents with pH lower than 6.5 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

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 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 nomencladure assigned to the olfactory receptor

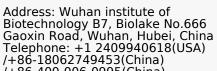
Email: info@dimabio.com Website: www.dimabio.com

genes and proteins for this organism is

independent of other organisms. [provided by

RefSeq, Jul 2008]

Usage Research use only



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