

Human OR52D1 Full-Length Bioactive Membrane Protein

HDFP118



Product Information

Product SKU:

HDFP118

Size:

10µg

Molecular Weight:

The human full length OR52D1 protein has a MW of 34.9 kDa

Expression System:

HEK293

Uniprot:

Q9H346

Target:

OR52D1

Antibody Information

Background:

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 nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq, Jul 2008]

Description:

Human OR52D1 full length protein-synthetic nanodisc

Protein Family:

Transmembrane

Protein Pathways:

Olfactory transduction

Synonyms:

OR11-43

Storage:

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.

Usage:

Research use only

Form:

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.

Contact Details | Dublin, Ireland

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