

HDFP491

Product Information

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| Product SKU: | HDFP491 | Expression Host: | HEK293 | Size: | 50µg |
| Target: | OR2H1 | Tag: | - | | |

Additional Information

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| Conjugate: | Unconjugated | Uniprot ID: | Q9GZK4 |
| Molecular Weight: | The human full length OR2H1 Protein has a MW of 35.3 kDa | | |

Protein 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.

Synonyms: 6M1-16; dJ994E9.4; HS6M1-16; OLF42A-9004-14; OLF42A-9004.14/9026.2; OR2H6; OR2H8; OR6-2

Protein Description: Human OR2H1 full length protein-MNP

Formulation: Lyophilized from PBS. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.

Protein Pathways: Olfactory transduction.

Protein Families: Druggable Genome, Transmembrane.

Usage: Research use only

Storage & Shipping: 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.

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