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32-18389: Human OR2H1 Protein, hFc Tag

Uniprot ID : Q9GZK4
Alternative Name : OR2H6; OR2H8; OR6-2; 6M1-16; HS6M1-16; dJ994E9.4; OLFR42A-9004-14; OLFR42A-9004.14/9026.2

Description

Description : Recombinant human OR2H1 Protein with C-terminal human Fc tag
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.
Molecular Characterization: mass of 28.7 kDa after removal of the signal peptide. The apparent molecular mass of OR2H1-hFc is approximately 25-55 kDa due to glycosylation.
Tag :C-Human Fc tag

Product Info

Amount :	50 µg / 100 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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.

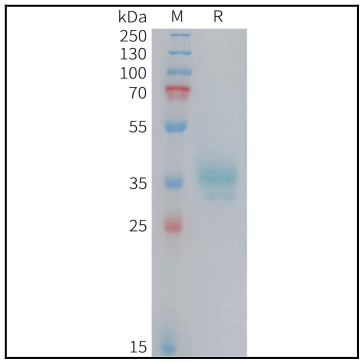


Figure 1. Human OR2H1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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