

Datasheet for ABIN7538419
OR2H1 Protein (AA 1-23) (Fc Tag)



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1 Image

Overview

Quantity:	50 µg
Target:	OR2H1
Protein Characteristics:	AA 1-23
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OR2H1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human OR2H1 Protein with C-terminal human Fc tag
Specificity:	OR2H1 (Met1-Arg23) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	OR2H1
Alternative Name:	OR2H1 (OR2H1 Products)
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response

Target Details

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]

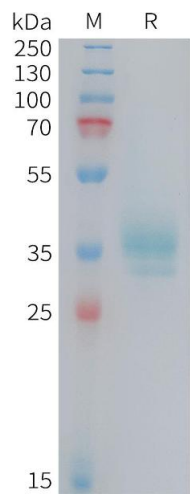
Molecular Weight:	predicted molecular mass of 28.7 kDa after removal of the signal peptide. The apparent molecular mass of OR2H1-hFc is 25-55 kDa due to glycosylation.
UniProt:	Q9GZK4

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months



SDS-PAGE

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