

HUMAN OR2H1 FULL LENGTH PROTEIN

目录: 11009

产品名称: Human OR2H1 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: 6M1-16; dJ994E9.4; HS6M1-16; OLFR42A-9004-14;
OLFR42A-9004.14/9026.2; OR2H6; OR2H8; OR6-2

Target: OR2H1

UNIPROT ID: Q9GZK4

描述: Human OR2H1 full length protein-synthetic nanodisc

背景: 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.

Species/Host: HEK293

Molecular Weight: The human full length OR2H1 Protein has a MW of 35.3 kDa

Formulation & Reconstitution: 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.

储存和运输: 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.

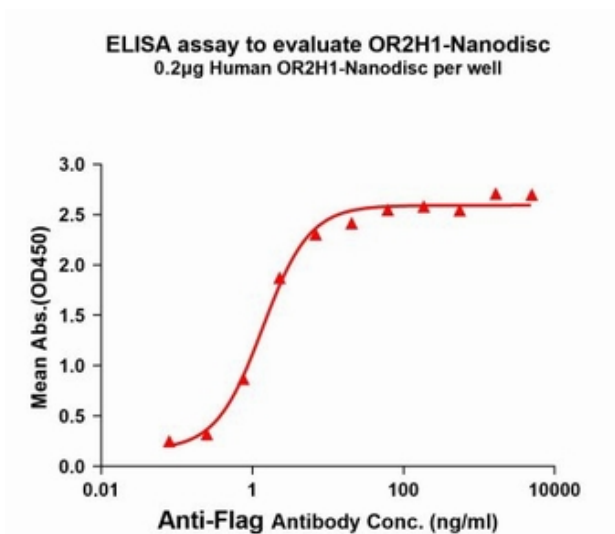


Figure1. Elisa plates were pre-coated with Flag Tag OR2H1-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC₅₀ for Flag monoclonal antibody binding with OR2H1-Nanodisc is 1.37ng/ml.

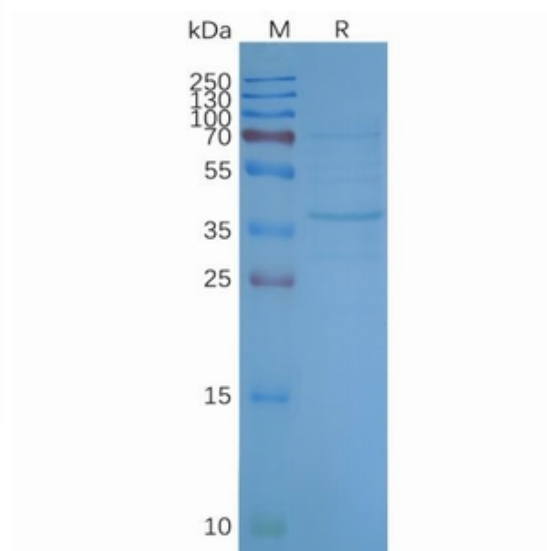


Figure2. Human OR2H1-Nanodisc, Flag Tag on SDS-PAGE