

Active Recombinant Human OR52D1 Full Length Transmembrane protein(Nanodisc)

Cat. No. OR52D1-976H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OR52D1 Full Length Transmembrane protein(Q9H346), was expressed in HEK293.
Species	Human
Source	HEK293
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.
Bio-activity	Elisa plates were pre-coated with Flag Tag OR52D1-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with OR52D1-Nanodisc is 3.737ng/ml.
Molecular Mass	The human full length OR52D1 protein has a MW of 35.1 kDa.
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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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Full Length Full L.

GENE INFORMATION

Gene Name OR52D1 olfactory receptor, family 52, subfamily D, member 1 [Homo sapiens]

Official Symbol OR52D1

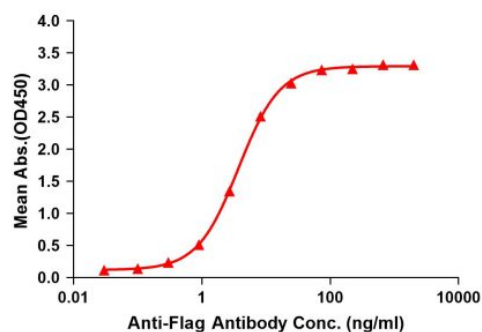
Synonyms OR52D1; olfactory receptor, family 52, subfamily D, member 1;

Gene ID 81268

UniProt ID Q9H346

Activity

ELISA assay to evaluate OR52D1-Nanodisc
0.2µg Human OR52D1-Nanodisc per well

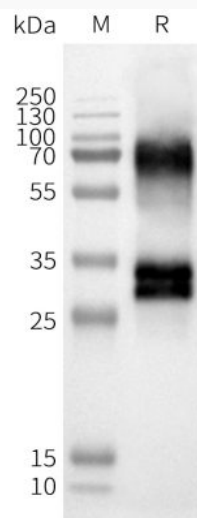


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Western blot



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