

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]

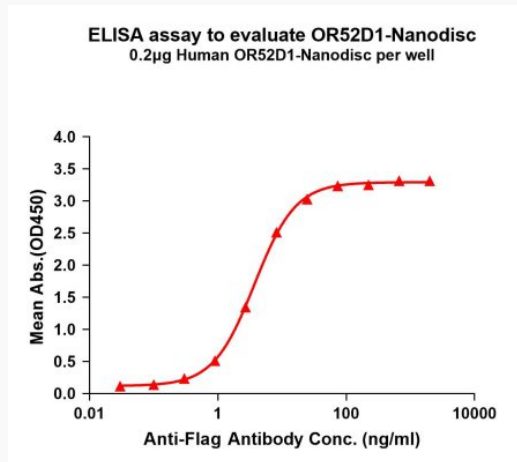
Official Symbol OR52D1

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

Gene ID 81268

UniProt ID Q9H346

Western blot



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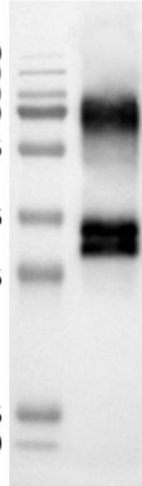
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Activity

kDa M R

250
130
100
70
55
35
25
15
10



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