

Recombinant Human OR4D6 cell lysate

Cat. No. OR4D6-1254HCL Lot. No. (See product label)

SPECIFICATION

Species

Human

Description

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.

Size

100 ul

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Applications

Western Blot;

GENE INFORMATION

Gene Name

OR4D6?olfactory receptor, family 4, subfamily D, member 6 [?Homo sapiens?(human)]

Official Symbol

OR4D6

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Synonyms	OR4D6; olfactory receptor, family 4, subfamily D, member 6; OR11-250; olfactory receptor 4D6; olfactory receptor OR11-250
Gene ID	219983
mRNA Refseq	NM_001004708
Protein Refseq	NP_001004708
UniProt ID	Q8NGJ1
Chromosome Location	11q12.1
Pathway	GPCR downstream signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Olfactory Signaling Pathway, organism-specific biosystem
Function	G-protein coupled receptor activity; olfactory receptor activity

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