

Recombinant Human OR3A4P cell lysate

Cat. No. OR3A4P-1253HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

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. This olfactory receptor gene is transcribed and contains an intact ORF, but it is predicted to be a pseudogene due to a poorly conserved 7-transmembrane domain structure.
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

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Gene Name	OR3A4P?olfactory receptor, family 3, subfamily A, member 4 pseudogene [?Homo sapiens?(human)]
Official Symbol	OR3A4P
Synonyms	OR3A4P; olfactory receptor, family 3, subfamily A, member 4 pseudogene; OR24; OR25; OR3A4; OR3A5P; OLFRA05; OLFRA06; OR17-13; OR17-16; OR17-24; OR17-25
Gene ID	390756
Chromosome Location	17p13.3
Pathway	GPCR downstream signaling, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; GPCRs, Other, organism-specific biosystem; Olfactory Signaling Pathway, organism-specific biosystem

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