

Recombinant Human OR6B2 cell lysate

Cat. No. OR6B2-1257HCL **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	OR6B2?olfactory receptor, family 6, subfamily B, member 2 [?Homo sapiens?(human)]
Official Symbol	OR6B2

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Synonyms	OR6B2; OR2-1; OR6B2P; olfactory receptor, family 6, subfamily B, member 2; olfactory receptor 6B2; olfactory receptor OR2-1; olfactory receptor, family 6, subfamily B, member 2 pseudogene
Gene ID	389090
mRNA Refseq	NM_001005853
Protein Refseq	NP_001005853
UniProt ID	Q6IFH4
Chromosome Location	2q37.3
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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