

Recombinant Human OR52B2 cell lysate

Cat. No. OR52B2-1255HCL **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.
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	OR52B2?olfactory receptor, family 52, subfamily B, member 2 [?Homo sapiens?(human)]
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Official Symbol	OR52B2
Synonyms	OR52B2; olfactory receptor, family 52, subfamily B, member 2; OR11-70; olfactory receptor 52B2; olfactory receptor OR11-70
Gene ID	255725
mRNA Refseq	NM_001004052
Protein Refseq	NP_001004052
UniProt ID	Q96RD2
Chromosome Location	11p15.4
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