

Recombinant Human OR8B8 cell lysate

Cat. No. OR8B8-1258HCL **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	OR8B8?olfactory receptor, family 8, subfamily B, member 8 [?Homo sapiens?(human)]
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Official Symbol	OR8B8
Synonyms	OR8B8; olfactory receptor, family 8, subfamily B, member 8; TPCR85; olfactory receptor 8B8; olfactory receptor TPCR85; olfactory receptor OR11-316; olfactory-like receptor JCG8
Gene ID	26493
mRNA Refseq	NM_012378
Protein Refseq	NP_036510
UniProt ID	Q15620
Chromosome Location	11q24.2
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