Recombinant Human OR13C8 Protein, MYC/DDK-tagged

Cat. No. OR13C8-291H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human OR13C8 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	35.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	olfactory receptor family 13 subfamily C member 8 [Homo sapiens]
Official Symbol	OR13C8
Synonyms	OR37H; OR9-10
Gene ID	138802
mRNA Refseq	NM_001004483.1
Protein Refseq	NP_001004483.1
UniProt ID	Q8NGS7

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