

OR1C1

Olfactory receptor 1C1

Catalog No.	CSH3005MP CSH3005PR	Quantity:	10 mg 50 µg
Alternate Names:	Olfactory Receptor Family 1 Subfamily C Member 1, Olfactory Receptor OR1-42, Olfactory Receptor TPCR27, HSTPCR27, ORL211, OR1.5.10		
Description:	<p>OR1C1 encodes the protein known as Olfactory receptor 1C1. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors 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. These receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell.</p> <p>The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.</p>		
Gene ID:	26188		
UniProtKB:	Q15619		
Format:	Cell line, membrane preparation, or purified protein		
Source:	HEK 293 or CHO cells		
Characterization:	Expression verified by flow cytometry. Receptor demonstrates biological activity when tested in a radioligand assay.		
Affinity Tag Options:	4S-H: 2 x TwinStrep Tag at the amino-terminus, His ₁₀ Tag at the carboxy-terminus		

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