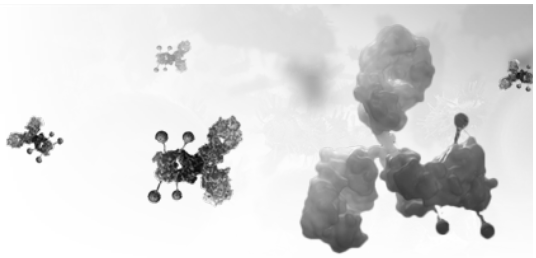

Human OR7D4 blocking peptide (CDBP2121)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-OR7D4 antibody
Antigen 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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	OR7D4 olfactory receptor, family 7, subfamily D, member 4 [Homo sapiens]
Official Symbol	OR7D4

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Synonyms	OR7D4; olfactory receptor, family 7, subfamily D, member 4; OR7D4P; olfactory receptor 7D4; hg105; OR19 B; olfactory receptor OR19-7; odorant receptor family 7 subfamily D member 4 RT; olfactory receptor, family 7, subfamily D, member 4 pseudogene; OR19B; OR19-7; OR19-B;
Entrez Gene ID	125958
mRNA Refseq	NM_001005191
Protein Refseq	NP_001005191
UniProt ID	Q8NG98
Chromosome Location	19p13.2
Pathway	GPCR downstream signaling, organism-specific biosystem; Olfactory Signaling Pathway, organism-specific biosystem; Olfactory transduction, organism-specific biosystem; Olfactory transduction, conserved biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;
Function	G-protein coupled receptor activity; olfactory receptor activity; receptor activity; signal transducer activity;

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