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OR2B6 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20256b

Specification

OR2B6 Blocking Peptide (C-term) - Product Information

Primary Accession	P58173
Other Accession	NP_036499.1

OR2B6 Blocking Peptide (C-term) - Additional Information

Gene ID 26212

Other Names
Olfactory receptor 2B6, Hs6M1-32, Olfactory receptor 2B1, Olfactory receptor 2B5, Olfactory receptor 5-40, OR5-40, Olfactory receptor 6-31, OR6-31, Olfactory receptor OR6-4, OR2B6, OR2B1, OR2B1P, OR2B5, OR2B6P

Target/Specificity
The synthetic peptide sequence is selected from aa 223-236 of HUMAN OR2B6

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

OR2B6 Blocking Peptide (C-term) - Protein Information

Name OR2B6 (HGNC:8241)

Function
Odorant receptor.

Cellular Location
Cell membrane; Multi-pass membrane protein

OR2B6 Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

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OR2B6 Blocking Peptide (C-term) - Images

OR2B6 Blocking Peptide (C-term) - Background

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.

OR2B6 Blocking Peptide (C-term) - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)
Mungall, A.J., et al. Nature 425(6960):805-811(2003)
Rouquier, S., et al. Nat. Genet. 18(3):243-250(1998)