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OR1S2 Blocking Peptide(C-term)

Synthetic peptide
Catalog # BP19686b

Specification

OR1S2 Blocking Peptide(C-term) - Product Information

Primary Accession	Q8NGQ3
Other Accession	NP_001004459.1

OR1S2 Blocking Peptide(C-term) - Additional Information

Gene ID 219958

Other Names
Olfactory receptor 1S2, Olfactory receptor OR11-231, OR1S2

Target/Specificity
The synthetic peptide sequence is selected from aa 236-249 of HUMAN OR1S2

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.

OR1S2 Blocking Peptide(C-term) - Protein Information

Name OR1S2

Function
Odorant receptor.

Cellular Location
Cell membrane; Multi-pass membrane protein.

OR1S2 Blocking Peptide(C-term) - Protocols

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

- Blocking Peptides

OR1S2 Blocking Peptide(C-term) - Images

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OR1S2 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.

OR1S2 Blocking Peptide(C-term) - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)
Fuchs, T., et al. Genomics 80(3):295-302(2002)