

OR5AC2 Blocking Peptide(C-term)
Synthetic peptide
Catalog # BP19866b**Specification**

OR5AC2 Blocking Peptide(C-term) - Product Information

Primary Accession [O9NZP5](#)
Other Accession [NP_473447.1](#)

OR5AC2 Blocking Peptide(C-term) - Additional Information

Gene ID 81050

Other Names

Olfactory receptor 5AC2, HSA1, OR5AC2

Target/Specificity

The synthetic peptide sequence is selected from aa 261-274 of HUMAN OR5AC2

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.

OR5AC2 Blocking Peptide(C-term) - Protein Information

Name OR5AC2

Function

Odorant receptor.

Cellular Location

Cell membrane; Multi-pass membrane protein.

OR5AC2 Blocking Peptide(C-term) - Protocols

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

- [Blocking Peptides](#)

OR5AC2 Blocking Peptide(C-term) - Images

OR5AC2 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.

OR5AC2 Blocking Peptide(C-term) - References

Muzny, D.M., et al. Nature 440(7088):1194-1198(2006)
Rouquier, S., et al. Proc. Natl. Acad. Sci. U.S.A. 97(6):2870-2874(2000)