

**TAAR5 Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP21290b

**Specification**

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**TAAR5 Blocking Peptide (C-term) - Product Information**

Primary Accession

[O14804](#)**TAAR5 Blocking Peptide (C-term) - Additional Information**

Gene ID 9038

**Other Names**

Trace amine-associated receptor 5, TaR-5, Trace amine receptor 5, hTaar5, Putative neurotransmitter receptor, TAAR5, PNR

**Target/Specificity**

The synthetic peptide sequence is selected from aa 236-249 of HUMAN TAAR5

**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.

**TAAR5 Blocking Peptide (C-term) - Protein Information**

Name TAAR5

Synonyms PNR

**Function**

Olfactory receptor specific for trimethylamine, a trace amine. Also activated at lower level by dimethylethylamine. Trimethylamine is a bacterial metabolite found in some animal odors, and to humans it is a repulsive odor associated with bad breath and spoiled food. This receptor is probably mediated by the G(s)-class of G-proteins which activate adenylate cyclase.

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**Tissue Location**

Expressed almost exclusively in skeletal muscle and selected areas of the brain, such amygdala, hippocampus, caudate nucleus, thalamus and hypothalamus. Weak expression is also find in substantia nigra.

### **TAAR5 Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

### **TAAR5 Blocking Peptide (C-term) - Images**

### **TAAR5 Blocking Peptide (C-term) - Background**

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### **TAAR5 Blocking Peptide (C-term) - References**

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Staubert C.,et al.PLoS ONE 5:E11133-E11133(2010).  
Mungall A.J.,et al.Nature 425:805-811(2003).  
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