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TAAR5 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP21290b

Specification

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.

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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

Zeng Z.,et al.Biochem. Biophys. Res. Commun. 242:575-578(1998).
Lindemann L.,et al.Genomics 85:372-385(2005).
Staubert C.,et al.PLoS ONE 5:E11133-E11133(2010).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.