

**OR51E1 Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP20521b

**Specification**

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**OR51E1 Blocking Peptide (C-term) - Product Information**

Primary Accession

[Q8TCB6](#)**OR51E1 Blocking Peptide (C-term) - Additional Information**

Gene ID 143503

**Other Names**

Olfactory receptor 51E1, D-GPCR, G-protein coupled receptor 164, Olfactory receptor 52A3, Prostate-overexpressed G protein-coupled receptor, Prostate-specific G protein-coupled receptor 2, OR51E1, GPR164, OR51E1P, OR52A3P, POGR, PSGR2

**Target/Specificity**

The synthetic peptide sequence is selected from aa 296-309 of Human OR51E1

**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.

**OR51E1 Blocking Peptide (C-term) - Protein Information**

Name OR51E1

Synonyms GPR164, OR51E1P, OR52A3P, POGR, PSGR2

**Function**

Odorant receptor.

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**Tissue Location**

Highly expressed in prostate. Very low levels may be detected in some other tissues, such as placenta, skeletal muscle, heart, ovary and testis. Up-regulated in prostate cancers

**OR51E1 Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

**OR51E1 Blocking Peptide (C-term) - Images****OR51E1 Blocking Peptide (C-term) - Background**

Odorant receptor (Potential).

**OR51E1 Blocking Peptide (C-term) - References**

Weigle B., et al. Biochem. Biophys. Res. Commun. 322:239-249(2004).  
Suwa M., et al. Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.  
Weng J., et al. Int. J. Cancer 118:1471-1480(2006).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.