

**TACR1 Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP21328b****Specification**

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**TACR1 Blocking Peptide (C-term) - Product Information**

Primary Accession [P25103](#)

**TACR1 Blocking Peptide (C-term) - Additional Information**

**Gene ID** 6869

**Other Names**

Substance-P receptor, SPR, NK-1 receptor, NK-1R, Tachykinin receptor 1, TACR1, NK1R, TAC1R

**Target/Specificity**

The synthetic peptide sequence is selected from aa 363-377 of HUMAN TACR1

**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.

**TACR1 Blocking Peptide (C-term) - Protein Information**

**Name** TACR1

**Synonyms** NK1R, TAC1R

**Function**

This is a receptor for the tachykinin neuropeptide substance P. It is probably associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance P > substance K > neuromedin-K.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**TACR1 Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

### **TACR1 Blocking Peptide (C-term) - Images**

### **TACR1 Blocking Peptide (C-term) - Background**

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### **TACR1 Blocking Peptide (C-term) - References**

Takeda Y.,et al.Biochem. Biophys. Res. Commun. 179:1232-1240(1991).  
Hopkins B.,et al.Biochem. Biophys. Res. Commun. 180:1110-1117(1991).  
Gerard N.P.,et al.Biochemistry 30:10640-10646(1991).  
Takahashi K.,et al.Eur. J. Biochem. 204:1025-1033(1992).  
Fong T.M.,et al.Mol. Pharmacol. 41:24-30(1992).