

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

Synthetic peptide

Catalog # BP21446b

**Specification**

---

**OXTR Blocking Peptide (C-term) - Product Information**Primary Accession [P30559](#)**OXTR Blocking Peptide (C-term) - Additional Information**

Gene ID 5021

**Other Names**

Oxytocin receptor, OT-R, OXTR

**Target/Specificity**

The synthetic peptide sequence is selected from aa 348-360 of HUMAN OXTR

**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.

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

Name OXTR

**Function**

Receptor for oxytocin. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

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

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

- [Blocking Peptides](#)

**OXTR Blocking Peptide (C-term) - Images**

**OXTR Blocking Peptide (C-term) - Background**

Receptor for oxytocin. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol- calcium second messenger system.

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

Kimura T.,et al.Nature 356:526-529(1992).

Kimura T.,et al.Nature 357:176-176(1992).

Kopatz S.A.,et al.Submitted (SEP-2003) to the EMBL/GenBank/DDBJ databases.

Inoue T.,et al.J. Biol. Chem. 269:32451-32456(1994).