

**Mouse Ror2 Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP20846c

**Specification**

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**Mouse Ror2 Blocking Peptide (C-term) - Product Information**

Primary Accession

[O9Z138](#)

Other Accession

[Q01974](#)**Mouse Ror2 Blocking Peptide (C-term) - Additional Information****Other Names**

Tyrosine-protein kinase transmembrane receptor ROR2, mROR2, Neurotrophic tyrosine kinase, receptor-related 2, Ror2

**Target/Specificity**

The synthetic peptide sequence is selected from aa 756-770 of HUMAN Ror2

**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.

**Mouse Ror2 Blocking Peptide (C-term) - Protein Information****Name** Ror2**Function**

Tyrosine-protein kinase receptor which may be involved in the early formation of the chondrocytes. It seems to be required for cartilage and growth plate development (PubMed:<a href="http://www.uniprot.org/citations/10700181" target="\_blank">10700181</a>). Phosphorylates YWHAB, leading to induction of osteogenesis and bone formation. In contrast, has also been shown to have very little tyrosine kinase activity in vitro. May act as a receptor for wnt ligand WNT5A which may result in the inhibition of WNT3A-mediated signaling (By similarity).

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Mouse Ror2 Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

### **Mouse Ror2 Blocking Peptide (C-term) - Images**

### **Mouse Ror2 Blocking Peptide (C-term) - Background**

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### **Mouse Ror2 Blocking Peptide (C-term) - References**

Oishi I.,et al.Genes Cells 4:41-56(1999).  
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).  
DeChiara T.M.,et al.Nat. Genet. 24:271-274(2000).  
van Wijk N.V.,et al.Biochem. Biophys. Res. Commun. 390:211-216(2009).