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Mouse Ror2 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20846c

Specification

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

Primary Accession	Q9Z138
Other Accession	O01974

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"

Mouse Ror2 Blocking Peptide (C-term) - Background

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. Phosphorylates YWHAB, leading to induction of osteogenesis and bone formation (By similarity).

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).

target="_blank">10700181). 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