

32-9615: Recombinant Human Tyrosine-protein Kinase Receptor ROR2/ROR2 (C-6His)

Alternative Name : Tyrosine-protein kinase transmembrane receptor ROR2; Neurotrophic tyrosine kinase, receptor-related 2; ROR2; NTRKR2

Description

Source : Human Cells;

Receptor Tyrosine Kinase-like Orphan Receptor 2 (ROR2) belongs to the protein kinase superfamily, Tyr protein kinase family and ROR subfamily. It is a member of the ROR family of receptor tyrosine kinases and is important for skeletal development, including bone and cartilage formation, as well as for the development of the central nervous system. ROR2 promotes osteogenesis, binds YWHAB and interacts with WTIP. ROR2 is broadly expressed during embryonic development and can be found in cells of all three germ layers as well as in most organ tissues. Activation of ROR2 signaling promotes cellular proliferation, differentiation, cell polarization, and migration. ROR2 has also been shown to have very little tyrosine kinase activity in vitro and may act as a receptor for wnt ligand WNT5A which may result in the inhibition of WNT3A-mediated signaling.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Amino Acid : Recombinant Human Tyrosine-protein Kinase Transmembrane Receptor ROR2 is produced by our Mammalian expression system and the target gene encoding Glu34-Gly403 is expressed with a 6His tag at the C-terminus.