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32-18541: Mouse ROR2 Protein, His Tag

Uniprot ID : Q9Z138
Alternative Name : Ntrkr2

Description

Description : Recombinant mouse ROR2 protein with C-terminal 6Ã—His tag
Background : Enables Wnt-protein binding activity; frizzled binding activity; and mitogen-activated protein kinase kinase kinase binding activity. Involved in positive regulation of canonical Wnt signaling pathway and positive regulation of transcription, DNA-templated. Acts upstream of or within several processes, including cartilage condensation; cell surface receptor signaling pathway; and embryonic morphogenesis. Predicted to be located in several cellular components, including dendrite; microtubule; and neuronal cell body. Predicted to be part of receptor complex. Predicted to be integral component of plasma membrane. Is expressed in several structures, including alimentary system; embryo mesenchyme; genitourinary system; neural ectoderm; and sensory organ. Used to study autosomal recessive Robinow syndrome. Human ortholog(s) of this gene implicated in autosomal recessive Robinow syndrome; brachydactyly type B1; and cleft palate. Orthologous to human ROR2 (receptor tyrosine kinase like orphan receptor 2).
Molecular Characterization: mass of 42.0 kDa after removal of the signal peptide. The apparent molecular mass of mROR2-His is approximately 35-55 kDa due to glycosylation.
Tag :C-6Ã—His Tag

Product Info

Amount :	50 µg / 100 µg
Purification :	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

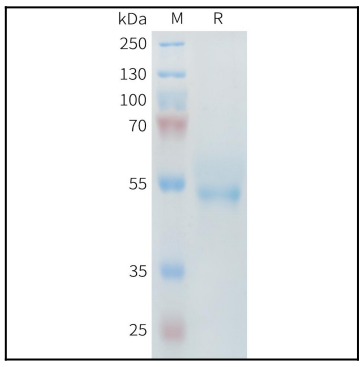

Figure 1. Mouse ROR2 Protein, His Tag on SDS-PAGE under reducing condition.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.