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# Recombinant Human ROR1 protein (Myc Tag, His Tag)



Catalog Number: Eg0203

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: Myc Tag, His Tag
Technical Specifications	<p><b>Purity:</b> &gt;90 %, SDS-PAGE</p> <p><b>Endotoxin Level:</b> &lt;1.0 EU/ µg protein, LAL method</p> <p><b>Source:</b> HEK293-derived Human ROR1 protein Gln30-Glu403 (Accession# Q01973) with a Myc tag and a His tag at the C-terminus.</p> <p><b>GeneID:</b> 4919</p> <p><b>Accession:</b> Q01973</p> <p><b>Predicted Molecular Mass:</b> 47.6 kDa</p> <p><b>SDS-PAGE:</b></p> <p><b>Formulation:</b> Lyophilized from sterile PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p><b>Storage:</b> It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"><li>• Until expiry date, -20°C to -80°C as lyophilized proteins.</li><li>• 3 months, -20°C to -80°C under sterile conditions after reconstitution.</li></ul> <p><b>Shipping:</b> The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	Receptor Tyrosine Kinase-like Orphan Receptor 1 (ROR1) is highly expressed during embryonic development and is involved in cell differentiation, which leads to the formation of functional tissues and organs. ROR1's activity is regulated during specific stages of embryogenesis, supporting proper tissue development and cell positioning.		
References	<ol style="list-style-type: none"><li>1. Borchering, Nicholas et al. Protein &amp; cell vol. 5,7 (2014): 496-502.</li><li>2. Endo, Mitsuharu et al. Frontiers in cell and developmental biology vol. 10 891763.</li><li>3. Meng, Shangsen et al. International immunopharmacology vol. 121 (2023): 110402.</li></ol>		
Synonyms	Inactive tyrosine-protein kinase transmembrane receptor ROR1, Neurotrophic tyrosine kinase, receptor-related 1, NTRKR1		

## Selected Validation Data

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For technical support and original validation data for this product please contact

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