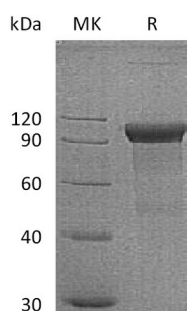


概述 (Summary)

英文全称	ROR1/NTRKR1/Inactive tyrosine-protein kinase transmembrane receptor ROR1/Neurotrophic tyrosine kinase
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Inactive Tyrosine-protein Kinase Transmembrane Receptor ROR1 is produced by our Mammalian expression system and the target gene encoding Gln30-Glu403 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q01973
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	68.9 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human ROR1 (C-Fc)
Catalog #: PHH1885



背景 (Background)

分子别名 (Alternative Names)

neurotrophic tyrosine kinase receptor-related 1; receptor tyrosine kinase-like orphan receptor 1; ROR1; tyrosine-protein kinase transmembrane receptor ROR1

背景介绍 (References)

ROR1, also known as Neurotrophic tyrosine kinase, receptor-related 1, belongs to the ROR subfamily of Tyr protein kinase family, a protein kinase superfamily. It has very low kinase activity in vitro and is unlikely to function as a tyrosine kinase in vivo. Human ROR1 is a type I transmembrane protein with 937 amino acids (aa) in length. It contains a 29 aa signal sequence, a 377 aa extracellular domain (ECD), a 21 aa transmembrane segment, and a 510 aa cytoplasmic region. Human ROR1 shares 97% and 58% aa sequence identity with mouse ROR1 and human ROR2, respectively. ROR1 may act as a receptor for wnt ligand WNT5A which may result in the inhibition of WNT3A-mediated signaling. ROR1 expressed strongly in human heart, lung and kidney, but weakly in the CNS. Its Isoform Short is strongly expressed in fetal and adult CNS and in a variety of human cancers, including those originating from CNS or PNS neuroectoderm.

注意事项 (Note)

For Research Use Only, Not for Diagnostic Use.