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ROR1

Catalog # PVGS1801

Product Information

Primary Accession	Q9Z139
Species	Mouse
Sequence	Gln30-Tyr406
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per μg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	43.28 kDa
Formulation	Lyophilized from a 0.22 μm filtered solution in PBS, pH 7.4 .
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH_2O more than 100 μg/ml.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Additional Information

Gene ID	26563
Other Names	Inactive tyrosine-protein kinase transmembrane receptor ROR1, mROR1, Neurotrophic tyrosine kinase, receptor-related 1, Ror1, Ntrkr1

Protein Information

Name	Ror1
Synonyms	Ntrkr1
Function	Has very low kinase activity in vitro and is unlikely to function as a tyrosine kinase in vivo (By similarity). Receptor for ligand WNT5A which activate downstream NFkB signaling pathway and may result in the inhibition of WNT3A-mediated signaling (By similarity). In inner ear, crucial for spiral ganglion neurons to innervate auditory hair cells (PubMed:27162350). Via IGFBP5 ligand, forms a complex with ERBB2 to enhance CREB oncogenic

	signaling (By similarity).
Cellular Location	Membrane; Single- pass type I membrane protein. Cell projection, axon
Tissue Location	At postnatal P0, expressed in heart, lung, liver, kidney, spleen and inner ear.