ROR1 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P78032
Synonyms:	ROR1; NTRKR1; dJ537F10.1
Species:	Mouse
Source:	HEK293
Accession:	Q9Z139 (Q30-Y406)
Gene ID:	26563
Molecular Weight:	58-68 kDa

PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution.
Formulation	Supplied as a 0.22 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	ROR1 protein exhibits very low kinase activity in vitro, suggesting an unlikely role as a tyrosine kinase in vivo. It serves as a receptor for the ligand WNT5A, activating downstream NFkB signaling pathways and potentially inhibiting WNT3A-mediated signaling. Notably, ROR1 plays a crucial role in the inner ear, particularly in facilitating the innervation of auditory hair cells by spiral ganglion neurons.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA