ROR1 Protein, Canine (HEK293, His)

Cat. No.:	HY-P77825
Synonyms:	ROR1; NTRKR1; dJ537F10.1
Species:	Canine
Source:	HEK293
Accession:	F1PIX7 (A22-E477)
Gene ID:	/
Molecular Weight:	65-68 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	The ROR1 Protein is a key member of the protein kinase superfamily, specifically falling under the Tyr protein kinase family within the ROR subfamily. Its classification highlights its pivotal role as a tyrosine kinase, indicating its involvement in cellular signaling and regulation. As part of the protein kinase superfamily, ROR1 likely shares conserved structural and functional features with related kinases, underscoring its significance in phosphorylation events. The designation within the Tyr protein kinase family further emphasizes its specific role among tyrosine kinases, offering insights into its unique enzymatic functions. The study of ROR1 contributes to our understanding of its role in cellular processes related to tyrosine phosphorylation, presenting potential applications in therapeutic interventions and a deeper comprehension of its broader impact on cellular signaling pathways. Further exploration of ROR1's role holds promise for enhancing our knowledge of its contributions to both normal physiology and pathological conditions.

Caution: Product has not been fully validated for medical applications. For research use only.

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