Recombinant Mouse Ror1 Protein, Myc/DDK-tagged

Cat. No. Ror1-5572M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length receptor tyrosine kinase-like orphan receptor 1 (Ror1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a receptor tyrosine kinase that has been implicated in nervous system development, specifically in the maintenance of neural progenitor cell fate, neurite extension and synapse formation. The encoded protein, likely a pseudokinase that lacks catalytic activity, may also regulate adipogenesis. Alternative splicing results in multiple transcript variants.
Molecular Mass	104.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ror1 receptor tyrosine kinase-like orphan receptor 1 [Mus musculus (house mouse)]
Official Symbol	Ror1
Synonyms	ROR1; receptor tyrosine kinase-like orphan receptor 1; tyrosine-protein kinase transmembrane receptor ROR1; neurotrophic tyrosine kinase, receptor related 1; neurotrophic tyrosine kinase, receptor-related 1; mRor1; Ntrkr1; 2810404D04Rik
Gene ID	26563
mRNA Refseq	NM_013845
Protein Refseq	NP_038873
UniProt ID	Q9Z139

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