Recombinant Full Length Mouse Ror1 Protein, Fc-tagged

Cat. No. Ror1-431M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ror1 protein with Fc tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	937
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.
Form	Lyophilized
Molecular Mass	68.4 kDa
AA Sequence	MHRPRRRGTRPPPLALLAALLLAARGADAQETELSVSAELVPTSSWNTSSEIDKGSY LTLDEPMNNITTSLGQTAELHCKVSGNPPPSIRWFKNDAPVVQEPRRISFRATNYGS RLRIRNLDTTDTGYFQCVATNGKKVVSTTGVLFVKFGPPPTASPGSSDEYEEDGFC QPYRGIACARFIGNRTVYMESLHMQGEIENQITAAFTMIGTSSHLSDKCSQFAIPSLC HYAFPYCDETSSVPKPRDLCRDECEVLENVLCQTEYIFARSNPMILMRLKLPNCEDL PQPESPEAANCIRIGIPMADPINKNHKCYNSTGVDYRGTVSVTKSGRQCQPWNSQY PHTHSFTALRFPELNGGHSYCRNPGNQKEAPWCFTLDENFKSDLCDIPACDSKDSK

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	EKNKMEILYILVPSVAIPLAIAFLFFFICVCRNNQKSSSPPVQRQPKPVRGQNVEMSM LNAYKPKSKAKELPLSAVRFMEELGECTFGKIYKGHLYLPGMDHAQLVAIKTLKDYN NPQQWTEFQQEASLMAELHHPNIVCLLGAVTQEQPVCMLFEYMNQGDLHEFLIMRS PHSDVGCSSDEDGTVKSSLDHGDFLHIAIQIAAGMEYLSSHFFVHKDLAARNILIGEQ LHVKISDLGLSREIYSADYYRVQSKSSLPIRWMPPEAIMYGKFSSDSDIWSFGVVLW EIFSFGLQPYYGFSNQEVIEMVRKRQLLPCSEDCPPRMYSLMTECWNEIPSRRPRF KDIHVRLRSWEGLSSHTSSTTPSGGNATTQTTSLSASPVSNLSNPRFPNYMFPSQGI TPQGQIAGFIGPAIPQNQRFIPINGYPIPPGYAAFPAAHYQPAGPPRVIQHCPPPKSR SPSSASGSTSTGHVASLPSSGSNQEANVPLLPHMSIPNHPGGMGITVFGNKSQKPY KIDSKQSSLLGDSHIHGHTESMISAEV
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

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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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