

**Specifications:**

Gene:	<i>mRor1</i>
Accession:	NP_038873
Insert size:	2827bp
Concentration:	10µg at 0.2µg/µL

**mROR1 cDNA  
Plasmid**

**Ror1 receptor tyrosine kinase-like orphan receptor 1 [ *Mus musculus* (house mouse) ]**

**Also known as:** Ntrkr1;  
2810404D04Rik

**Summary:**

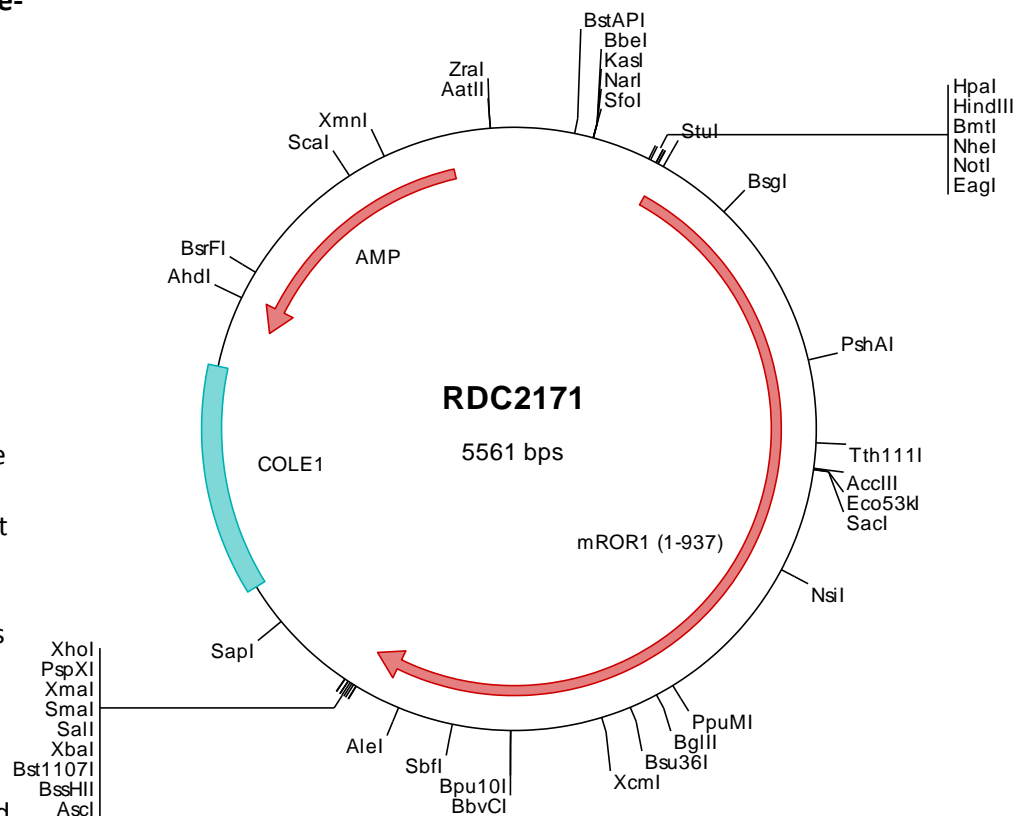
ROR1 belongs to the ROR subfamily of cell surface receptors. It is a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. ROR1 is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of ROR1 is associated with B-cell chronic lymphocytic leukaemia. Alternatively spliced transcripts encoding different proteins have been described.

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

