

### Specifications:

Gene:	hROR1
Accession:	NP_005003
Insert size:	2826bp
Concentration:	10µg at 0.2µg/µL

### 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.

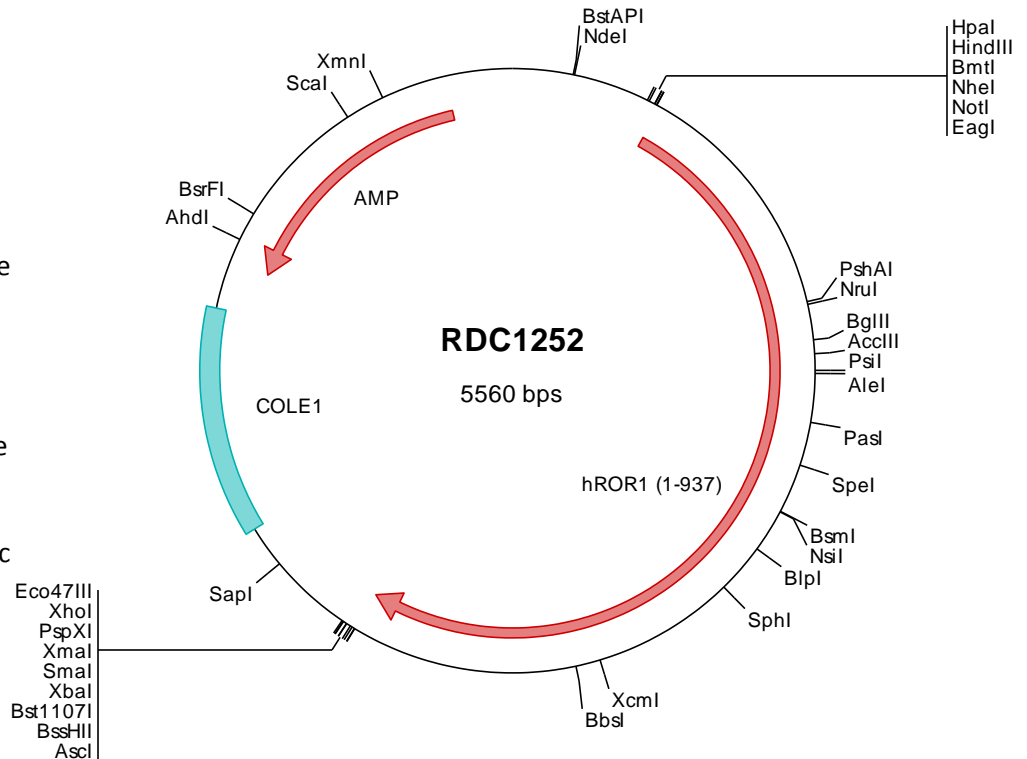
## hROR1 cDNA Plasmid

**ROR1 receptor tyrosine kinase-like orphan receptor 1 [ *Homo sapiens* (human) ]**

**Also known as:** NTRKR1;  
dJ537F10.1

### 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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC1252 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gttgtaataa
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcccggc tcttcgctat
301 taagccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccagtc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tccgtagcgc gggcggccacc atgcaccgtc ctgcagctgc aggaacacgc ccgcccgtcc tggcgtgctg
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601 gaactcaaca aagattctta cctgacccct gatgaaccaa tgaataacat caccacgtct ctgggcccaga cagcagaact gcactgcaaa gtcctctggga
701 atccacctcc caccatccgc tggttcaaaa atgatgtctc tgtgttccag gacccccgga ggctctcctt tgggtccacc atctatggct ctggctggc
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> RDC1252 Translated Insert Sequence

1 mhrprrrgtr ppllallal llaargaaa etelsvsa elnkdksylt depmnitts lqgtaelhck vsgnppttir wfkndapvvq
101 eprrlsfrst iygsrlrirn ldtdtdgyfq cvatngkev sstgvlvfkf gppptaspgy sdeyedgfc qpyrgiacar fignrvtyme slhmqgeien
201 qitaaftmig tsshlsdkcs qfaipslchy afpycdets vpkpdrldrd eceilenlvc qteyifarsn pmilmrlklp ncedlppqes peaanncirig
301 ipmadpinkn hkcynstgvd yrgtvsvtkk grccqpwss yphthftfal rfpelnggks ycrnpgnqke apwcfllden apwcfllden cdskdskekn
401 kmeilyilvp svaipalial lffficvcrn nksssapvq rqpkhvrgqn vemsmlnayk pkskakelpl savrfmeelg ecafgykiykg hlylpqmdha
501 qlvaiktlkd ynnpqgwtcf qqaaslmael hphnivcllg avtqeqpvc m lfeyingddl hefllimrshp sdvgsdsded gtvkssldhg dflhiaiqia
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701 viemvrkrql lpcsedcpr mys1mtecn eipsrrprfk dihvrlrswv glshtstst psggnattqt tslsaspsvn lsnpryprnym fpsqgitpqq
801 qiagfigppi pqnqrfipin gypippyaa fpaahyqptg pprvqhcpp pksrpspsas gststghvts lpssgsnqea niplphmsi pnhpggmgit
901 vfgnksqkpy kidskqasll gdanihghte smisael