

Product datasheet for **RG236186**

ZNRD2 (NM_001303024) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNRD2 (NM_001303024) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNRD2
Synonyms:	p27; SSSCA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236186 representing NM_001303024. Blue=ORF Red=Cloning site Green=Tag(s)

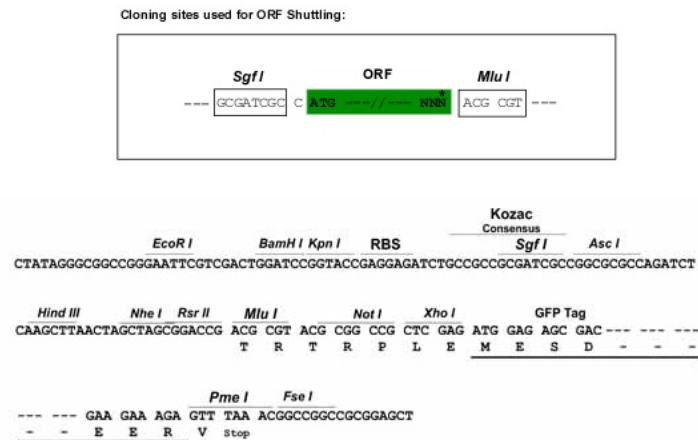
GCTCGTTTAGTGAACCGTCAGAAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGGCGACTATCTGCTGCGCGTTACCGCATGCTGGGCGAGACGTGTGCGGACTGCGGGACGATCCTC
CTCCAAGACAAACAGCGGAAAACTACTGCGTGGCTTGTGAGGAACGACTCAGACGTGGATAAAGAT
AATCCCGCTCTGAATGCCAGGCTGCCCTCTCCAAGCTCGGAGCACCAGCTGGCCTCAGCCTCAGAG
CTCCCCCTGGGCTCTGACCTGCGCCCCAGCCCCAGTACCTCGTCCGGAGCACTGTGAGGGAGCTGCA
GCAGGACTCAAGGCAGCCAGGGCCACCTGCTCCTGCTGTGCCTCCAAATACAGATGTCATGGCCTGC
ACACAGACAGCCCTTTGCAGAAGCTGACCTGGGCCTCTGCTGAAGTGGGCTCTAGCACCTCCCTGGAG
ACTAGCATCCAGCTGTGTGGCCTTATCCGCGCATGTGCGGAGGCCCTGCGCAGCCTGCAGCAGCTACAG
CAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC

Protein Sequence:	>Peptide sequence encoded by RG236186 Blue=ORF Red=Cloning site Green=Tag(s)
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MGDYLLRGYRMLGETCADCGTILLQDKQRKIYCVACQELDSVDKDNPALNAQAALSQAREHQLASASE
 LPLGSRPAPQPPVPRPEHCEGAAAGLKAAGPPAPAVPNTDVMACTQTALLQKL TWASAE LGSSTSLE
 TSIQLCGLIRACAEALRSLQQLQH
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERY

Restriction Sites:	SgfI-MluI
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Cloning Scheme:


ACCN:	NM_001303024
ORF Size:	494 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001303024.1 , NP_001289953.1
RefSeq Size:	880 bp
RefSeq ORF:	489 bp
Locus ID:	10534
Cytogenetics:	11q13.1
MW:	17.6 kDa
Gene Summary:	This antigen is recognized by a subset of anti-centromere antibodies from patients with scleroderma and/or Sjogren's syndrome. Subcellular localization has not yet been established. [provided by RefSeq, Jul 2008]

