

Product datasheet for **RG203713**

LRDD (PIDD1) (NM_145887) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRDD (PIDD1) (NM_145887) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	LRDD
Synonyms:	LRDD; PIDD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG203713 representing NM_145887
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGCAACGGTGGAGGGCCAGAGCTGGAGGCAGCTGCTGCCGACGAGATGCTTCAGAGGATTCGG
 ACGCAGGGTCCAGGGCGCTGCCTTTCTGGGCGCAACCGCTGAGCTTGACCTGTACCCCGGGGCTG
 CCAGCAGCTGCTGCACCTGTGTGTCCAGCAGCCTCTGCAGCTGCTGCAGGTGGAATTCCTGCGTCTGAGC
 ACTCACGAGGACCCTCAGCTGCTGGAGGCCACCCTGGCCAGCTGCCTCAGAGCCTGTCTGCTCCGCT
 CCCTGGTCTCAAAGGAGGGCAACGCCGGACACACTGGGTGCCTGTCTCCGGGGTGCCTGACCAACCT
 GCCCGTGGTCTGAGTGGCTGGCCATCTGGCCACCTGGACCTGAGCTTCAACAGCCTGGAGACTG
 CCGGCTGTGTCTGCAGATGCGAGGTCTGGTGCCTCTTGTGTCTCACAACCTGCTCTGAGCTGC
 CTGAGGCTCTGGGGCCCTCCCCGCCCTACCTTCTCACAGTGACACACAACCGCTGCAGACGCTGCC
 CCCAGCACTGGGGCCCTATCCACCCTGCAGCGCTCGATCTCTCTCAGAATCTGCTGGACACGCTACCT
 CCTGAGATTGGAGGCCTGGGCGAGCTCCTGGAGCTCAACCTGGCTCCAACCGGCTGCAGAGCCTCCAG
 CCTCTCTGGCGGACTTCGGTCTTGGCGCTCCTTGTCTGCACAGCAACCTCCTGGCCTCTGTGCCAGC
 TGACTTGGCCCGCTTCCACTCCTACCCGGCTCGACTGAGGGACAACCGCTCCGGGACTGCCCCCT
 GAGCTGTAGACGCCCTTTGTGCGCTGCAGGGGAACCCCTGGGTGAGGCCTCGCCAGACGCCCCGA
 GTTCACCAAGTGGCAGCCCTCATTCCAGAAATGCCAGACTGTTCTGACCTCAGATTTGGACAGCTTTC
 TGTGACCCTCAAGGTGCTCAGTGACCCTGGCTGTGGCGTCCGCTGCAGTCCCAGCGGGAGCCACC
 GCCACCCCATCACCATCCGCTATCGGTGCTGCTGCCGAGCCAGGCCTCGTCCCCTGGTCTCATG
 ACGCCCTGCTCAGCCATGTGCTGGAGCTGCAGCCCATGGGTGGCTTCCAGCAGGATGTGGAGCTGTG
 GCTGCTCTTACCCACCGCAGGCCCGGCTGCGGTGAAGTGGTGGTCAAGACCCGGAATGACAACAGC
 TGGGTGACCTGGAGACTACCTGGAGGAAGAGGCACCCAGCGCTCTGGGCTCACTGCCAGGTGCCCC
 ACTTCTCTGGTTCCTTGTGTTTCCCGCCTGTGTCCAATGCCTGCCTGGTGCACCGGAGGGGACACT
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 GTCTCCATGCAGGTGGTGCATGGCTGGCCGAGAGCTGCAGGCCCTCCTGGGAGAACCAGAGGCTGCAG
 TGAGCCCCCTGCTGTGCCTGTACAGAGCGGTCCCCCAGCTTCTCCAACCGGTACCGTGCAGCTGCC
 TCTGCCCTGTGCATCACAGCCCTCAGTCTGGACCGCTCCCGCTGCACCTGTTGACTGGGCCCTCCT
 GCAGCCACTGGGATGACATCACAGCTCAGGTGGTCTGGAGCTACCCACCTGTACGCAGCTTCCAGG
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 ACGCAGAGCAACCTGCTGAGTGGCTGGCGCTGCGGTCTGGACTGGCCAGCCGTGGCCCTGCACCTGG
 GGTGTCTACCGGAGGTGCAGCGCATCCGGCAGAGTTCGGGATGATCTGGATGAGCAGATCCGTCA
 CATGCTCTTCTGGGCTGAGCGCCAGGCTGGGAGCCAGGGGCTGTGGGGCTCCTGGTGCAGGCCCTG
 GAGCAGAGTGACCGCAGGACGTGGCTGAAGAGGTGCGCGCAGTCTGGAGCTCGGCCCGCAAGTACC
 AGGACAGCATCCGACGATGGCTTGGCCCCAAGGACCCGCTCTGCCTGGCTCCTCGGCTCCACAGCC
 CCCAGAGCCTGCCAGGCC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG203713 representing NM_145887
 Red=Cloning site Green=Tags(s)

MAATVEGPELEAAAAAGDASESDAGSRALPFLGGNRLSLDLYPGGCQQLLHLCVQQPLQLLQVEFLRLS
 THEDPQLLEATLAQLPQSLSCLRSLVLKGGQRRDTLGACLRGALTNLPAGLSGLAHLAHLDLSFNSLET
 PACVLMRGLGALLLHSHNCLSELPEALGALPALTFLTVTHNRLQTLPPALGALSTLQRLDLSQNLLDTP
 PEIIGLGSLLLENLASNRLQSLPASLAGLRSLRLLVLHNSLLASVPADLARLPLLTRLDLRDNQLRDLPP
 ELLDAPFVRLQGNPLGEASPDAPSSPVAALIPMPRLFLTSDLDSFPVTPQGCSVTLACGVRLQFPAGAT
 ATPITIRYRLLLLPEPGLVPLGPHDALLSHVLELQPHGVAFFQDVGWLLFTPPQARRCREVVVTRNDNS
 WGDLETYLEEEAPQRLWAHCQVPHFSWFLVVSRRPVSNACLVPPEGTLLCSSLGHPGVKVIFFPPGATEEPRR
 VSMQVVRMAGRELQALLGEPEAAVSPLLCLSQSGPPSFLQPVTVQLPLPSGITGLSLDRSRLHLLYWAPP
 AATWDDITAQVLELTHLYARFQVTHFSWYWLWYTTKNCVGLARKAWERLRLHRVNLIALQRRRDPEQV
 LLQCLPRNKVDATLRRLLERYRGPEPSDTEVEMFEGEEFAAFERGIQDADRPDCVEGRICVFVYSHLKN
 VKEVSFYRGAVPVRVPEEAEARQRKGADALWMATLPKLPRLRGSEGPRRGAGLSLAPLNLGDAETGFL
 TQSNLLSVAGRLGLDPAVALHLGVSYREVQIRHFEFRDDLDEQIRHMLFSAERQAGQPGAVGLLVQAL
 EQSDRQDVAEEVRAVLELGRKRYQDSIRRMGLAPKDPALPGSSAPQPPEPAQA

TRTRPLE - GFP Tag - V

Restriction Sites:

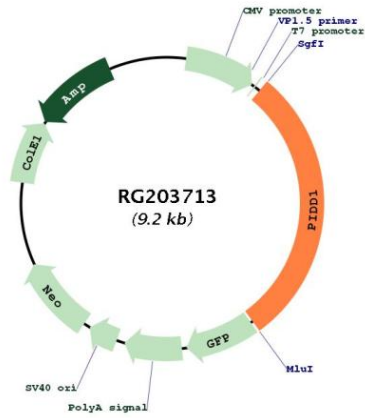
SgfI-MluI

Cloning Scheme:



ACCN:	NM_145887
ORF Size:	2679 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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_145887.4
RefSeq Size:	2902 bp
RefSeq ORF:	2682 bp
Locus ID:	55367
UniProt ID:	Q9HB75
Cytogenetics:	11p15.5
Protein Families:	Druggable Genome
Protein Pathways:	p53 signaling pathway
Gene Summary:	The protein encoded by this gene contains a leucine-rich repeat and a death domain. This protein has been shown to interact with other death domain proteins, such as Fas (TNFRSF6)-associated via death domain (FADD) and MAP-kinase activating death domain-containing protein (MADD), and thus may function as an adaptor protein in cell death-related signaling processes. The expression of the mouse counterpart of this gene has been found to be positively regulated by the tumor suppressor p53 and to induce cell apoptosis in response to DNA damage, which suggests a role for this gene as an effector of p53-dependent apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2010]

Product images:



Circular map for RG203713