

Product datasheet for **SC126225**

LRDD (PIDD1) (NM_145887) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRDD (PIDD1) (NM_145887) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRDD
Synonyms:	LRDD; PIDD
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_145887 edited
GCTGCTGGCGCTTCCCGGGCGCTGCCTGGACAGGCTGCCTGCGTGCTGGGACATGTCT
GGCCTCAAGGACCGTCGGTGGGCGATGGCTGCAACGGTGGAGGGGCCAGAGCTGGAGGC
AGCTGCTGCCGACAGGAGATGCTTCAGAGGATTCGGACGCAGGGTCCAGGGCGCTGCCTTT
CCTGGGCGGCAACCGGCTGAGCTTGGACCTGTACCCCGGGGGTCCAGCAGCTGCTGCA
CCTGTGTGTCCAGCAGCCTCTTCAGCTGCTGCAGGTGGAATCTTGCGTCTGAGCACTCA
CGAGGACCTCAGCTGCTGGAGGCCACCTGGCCAGCTGCCTCAGAGCCTGCTCCTGCCT
CCGCTCCCTGGTCTCAAAGGAGGGCAACGCCGGACACACTGGGTGCCTGTCTCCGGGG
TGCCCTGACCAACCTGCCCGCTGGTCTGAGTGGCCTGGCCATCTGGCCACCTGGACCT
GAGCTTCAACAGCCTGGAGACACTGCCGGCCTGTGCTCCTGCAGATGCGAGGTCTGGGTGC
GCTCTTGCTGTCTCAACTGCCTCTCTGAGCTGCCTGAGGCTCTGGGGCCCTCCCGC
CCTCACCTTCTCACAGTGACACACAACCGCTGCAGACGCTGCCCCAGCACTGGGGG
CCTATCCACCCTGCAGCGCTCGATCTCTCAGAACTGCTGGACACGCTACCTCCTGA
GATTGGAGGCTGGGACGCTCCTGGAGCTCAACTGGCTCCAACCGGCTGCAGAGCCT
CCCAGCCTCTCTGGCGGACTTCGGTCTTGGCGCTCCTTGCTCCTGCACAGCAACCTCCT
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CAACCAGCTCCGGGACCTGCCCCCTGAGCTGCTAGACGCCCTTTGTGCGCCTGCAGGG
GAACCCCTGGGTGAGGCTCGCCAGACGCCCGAGTTACCAGTGGCAGCCCTCATTCC
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GGATGGGGCTGTGGTGTCTTACCCACCCAGGCGCGGCTGCCGTGAAGTGGT
GGTCAGGACCCGGAATGACAACAGCTGGGGTGACCTGGAGACCTACCTGGAGGAAGAGGC
ACCCAGCGGCTCTGGGCTCACTGCCAGGTGCCCACTTCTCCTGGTTCCTTGTGTTTT
CCGCCCTGTGTCAATGCCTGCCTGGTGCACCGGAGGGGACACTGCTGTGCTCCTCGGG
TCATCCTGGGGTCAAAGTCATCTTCCCGCTGGGGCCACTGAGGAGCCTCGTCGAGTCTC
CATGCAGGTGGTGCATGGCTGGCCGAGAGCTGCAGGCCCTCCTGGGAGAACAGAGGC
TGCAGTGAGCCCCCTGCTGTGCCTGTACAGAGCGGTCCCCCAGCTTCTCCAACCGGT
CACCGTGCAGCTGCCTCTGCCCTTGGCATCACAGGCCTCAGTCTGGACCGCTCCCGCT
GCACCTGTTGACTGGGCCCTCCTGCAGCCACCTGGGATGACATCACAGCTCAGGTGGT
CCTGGAGCTCACCCACCTGTACGCACGCTTCCAGGTACACACTTCTCCTGGTACTGGCT
CTGGTACACCACCAAGAACTGTGTGGGAGGCTGGCTCGGAAGGCTGGGAGCGGCTGGG
GCTGCACCGTGTGAACCTCATCGCTCTGCAGCGGCGCCGGGACCTGAGCAGGCTCCTGCT
GCAGTGCTGCCCGAAACAAGGTGGACGCCACCTTCCGGCGGCTGCTGGAGCGGTACCG
GGGCCCCGAGCCCTCTGACACGGTGGAGATGTTCCGAGGGCGAAGAGTTCTTTGCGGCCTT
CGAGCGCGGCATCGACGTGGATGCTGACCGCCCTGACTGTGTGGAGGGCAGAATCTGCTT
TGTCTTCTACTCGCACCTGAAGAATGTGAAGGAGGTGTCTTCTACCGTGGCGGGTGGC
TGTGGGGTGCCCGAGGAGGCTGAGGCTGCCCGCAGAGGAAGGGCCAGACGCCCTGTG
GATGGCCACTCTGCCATCAAGCTGCCGAGACTTCGAGGGTCCGAGGGGCCACGGCGGGG
GGCTGGCCTCTCCTTGGACCCCTGAATCTGGGAGATGCCGAGACCGGTTTTCTGACGCA
GAGCAACCTGCTGAGTGTGGTGGGCTGTGGTCTGGACTGGCCAGCCGTGGCCCTGCA
CCTGGGGGTGTCTACCGGAGGTGCAGCGCATCCGGCACGAGTTCGGGATGATCTGGA
TGAGCAGATCCGTACATGCTCTTCTCCTGGGCTGAGCGCCAGGCTGGGAGCCAGGGGC
TGTGGGGCTCCTGGTGCAGGCCCTGGAGCAGAGTACCGGCAGGACGTGGCTGAAGAGGT
GCGCGCAGTCTTGGAGCTCGGCCCGCAAGTACCAGGACAGCATCCGACGCATGGGCTT
GGCCCCAAGGACCCGCTCTGCCTGGCTCCTCGGCTCCACAGCCCCAGAGCCTGCCCA
GGCCTAGCCCCACAGACTTTTAGGCTGGCCAGATATCCCCAGTGGATGGGCAGAGCC
CCCACCTTCAAGTCTCTCAGTGTGTGGGACGGGTCCCTGTGAGCAACAAAACCTGCACT
GTTTCTTTCAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145887 unedited TTCAGTGATCTTATATTTGTCATACGACTTTACTATAGGCGGCCGCGTAATCACATCTGG TACCGGCTCCGTAATCCCGGGATATCGTCGACCCACGCGTCCGGCTGCTGGCGCTTCCC CGGGCGCTGCCTGGACAGGCCTGCCTGCGTGCTGGGACATGTCTGGCCTCCAAGGACCGT CGGTGGGCGATGGCTGCAACGGTGGAGGGGCCAGAGCTGGAGGCAGCTGCTGCCGAGGA GATGCTTCAGAGGATTCGACGACAGGGTCCAGGGCGCTGCCTTTCCTGGGCGCAACCGG CTGAGCTTGGACCTGTACCCCGGGGGCTGCCAGCAGCTGCTGCACCTGTGTGTCCAGCAG CCTCTTCAGCTGCTGCAGGTGGAATTCTTGCGTCTGAGCACTACGAGGACCCTCAGCTG CTGGAGGCCACCCTGGCCAGCTGCCTCAGAGCCTGTCTGCCTCCGCTCCCTGGTCCTC AAAGGAGGGCAACGCCGGGACACACTGGGTGCCTGTCTCCGGGGTGCCTGACCAACCTG CCCCTGGTCTGAGTGGCTGGCCATCTGGCCACCTGGACCTGAGCTTCAACAGCCTG GAGACTGCGCGCTGTGCTCCTGCAGATGCGAGGTCTGGGTGCGCTCTTGCTGTCTCAC AACTGCCTCTCTGAGCTGCCTGAGGCTCTGGGGCCCTCCCGCCCTCACCTTCTCACA GTGACACACAACCGCCTGCAGACGCTGCCCCAGCACTGGGGCCCTATCCACCCTGCAG CGCTCGATCTCTCAGAACTGCTGGACACGCTACCTCCTGAGAATTGNAGGCTGG GCAGCCTCCTGGAGCTTAAACCTGGCCCTCCACCCGGCTGCAGAAGCCTCCAGCCTCT CTGGGGGG
Restriction Sites:	Please inquire
ACCN:	NM_145887
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_145887.2 , NP_665894.2
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]

Transcript Variant: This variant (3) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1, resulting in an isoform (3) that is shorter than isoform 1.