

Product datasheet for RN207684

Pdlim3 (NM_053650) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdlim3 (NM_053650) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdlim3
Synonyms:	Actn2lp; Alp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207684 representing NM_053650 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCAAACGTAGTTCTCCCGGCCCTGCGTCTGGGGTTTCAGACTCTCAGGAGGCATAGACTTCA
ACCAGCCTTTGGTCATCACCAGGATCACTCCGGGAAGCAAGGCAGAAGCCGCAACCTGTGCCCTGGCGA
CATGATACTGGCTATCGATGGCTTTGGTACGGAGTCCATGACTCATGCTGATGCTCAGGACAGGATCAA
GCAGCATCTTACCAGTTGTCTCAAGATTGACAGGGCAGAACTCGCTTATGTCCCGCAGTGTCCGAAG
ATGGGAAAGCGCATCCCTTTAAATCAACCTAGAGGCTGAACCGCAGGATGTGAACACTTTGAACACAA
GCACAATATTCGGCCAAACCTTTCATAATCCAGGCCGAACAGTGGCTGCAGCACTCCTTCCGGTATT
GACTGTGGCAGTGGACGTAGCACCCCTTCTCCGTCAGTACCGTTAGTACGATCTGCCCAGGTGACTTGA
AAGTTGCTGCTAAGATGGCCCTAACATTCCTTTGAAATGGAACCTCCGGGCGTGAAGATTGTACATGC
TCAGTTTAACTCCTATGCAGTTGTAAGTGAACCAATATTATGGAACACTTCAGGGTCAGGTTTCC
ACAGCTTAGGGGAGACACCCCTCATGAGTGAACCCACAGCTTCAGTTCCCCCTCAGTCGGACGTGACC
GAATGCTGCACGACAATCGGATGAACCCAGCTGCTCCTCGCCAGTCAGGTCCTTACGGGTCCTGCAGGA
GCTGGTGAACGACGGGTCTGATGACCGTCTGCTGGAACCTCGAAGTGTGAGGCCGTTACTAAAGTCCAT
GGCGGGGCTGGCGTGCCAGAGGATGCCACTCTGTGACAAGTGTGCGAGTGGTATTGTAGTGCTGTGG
TCAAGGCCGGGATAAGTACCGCACCCGAGTGTCTTTGTGTGCTGACTGTAACCTCAACCTCAAGCA
GAAAGTTACTTCTTCGTTGGAGGGGAGCTGTATTGTGAGATGCACGCAAGAGCCCGGGCGAGGCCCA
GAAGGCTACGACACCGTCACTCTGTACCCAAAGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_053650
Insert Size:	1089 bp
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:	<u>NM_053650.1</u> , <u>NP_446102.1</u>
RefSeq Size:	1568 bp
RefSeq ORF:	1089 bp
Locus ID:	114108
UniProt ID:	<u>Q66HS7</u>
Cytogenetics:	16q11
Gene Summary:	binds to the spectrin-like motifs of alpha-actinin-2 in skeletal muscle [RGD, Feb 2006]