

Product datasheet for **RG219644**

PDLIM2 (NM_176871) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PDLIM2 (NM_176871) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PDLIM2
Synonyms:	MYSTIQUE; SLIM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG219644 representing NM_176871 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTTGACGGTGGATGTGGCCGGGCCAGCGCCCTGGGGCTTCCGTATCACAGGGGGCAGGGATTTCC
ACACGCCCATCATGGTGACTAAGGTGGCCGAGCGGGCAAAGCCAAGGACGCTGACCTCCGGCCTGGAGA
CATAATCGTGGCCATCAACGGGAAAGCGCGGAGGGCATGCTGCATGCCGAGGCCAGAGCAAGATCCGC
CAGAGCCCTCGCCCTGCGGCTGCAGCTGGACCCTCAGGCTACGTCTCCAGGGCAGACCAATGGGG
ACAGCTCCTTGAAGTGTGGGACTCGCTTCCAGGGCTCCGTGAGGACATACACTGAGAGTCAGTCCTC
CTTAAGGTCTCCTACTCCAGCCCAACCTCCCTCAGCCGAGGGCCGGCAGCCCTTCTCACCACCACC
TCTAGCAGCTCCCTCACTGGAGAGGCAGCCATCAGCCGACGTTCCAGAGTCTGGCATGTTCCCCGGGCC
TCCCGCTGCTGACCGCCTGTCTACTCAGGCCGCCCTGGAAGCCGACAGGCCGGCTCGGCCGCGCTGG
CGACTCGGCGGTGCTGGTGTGCGCCTTCCCGGGCCCTCGTTCCTCCAGGCCAGCATGGACTCGGAA
GGGGGAAGCCTCCTCTGGACGAGGACTCGGAAGTCTTCAAGATGCTGCAGGAAAATCGCGAGGGACGGG
CGGCCCCCGACAGTCCAGCTCCTTTGGCTCTTGCAAGCCCTGGAGGCTGAGGAGAGAGGTGGCAC
GCCAGCCTTCTTGCCAGCTCACTGAGCCCCAGTCTCCCTGCCGCCCTCCAGGGCCCTGGCCACCCTC
CCCAAGCTCCACACTTGTGAGAAGTGCAGTACCAGCATCGCAACCAGGCTGTGGCATCCAGGAGGGCC
GGTACCGCCACCCCGCTGTACACCTGTGCCGACTGTGGGCTGAACCTGAAGATGCGCGGGCACTTCTG
GGAGGACGCTTGTGCTATGGAGGAATGAGATTGTCACTGGAAGCTTTGGAGGGATGGTGGAGGGCGCC
AAGCGGAGGGACAGGAGGAAGACCAGGAGACCCATCCAGCCAAGCTGG

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Reconstitution Method:

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_176871.5](#)

RefSeq Size: 4611 bp

RefSeq ORF: 1101 bp

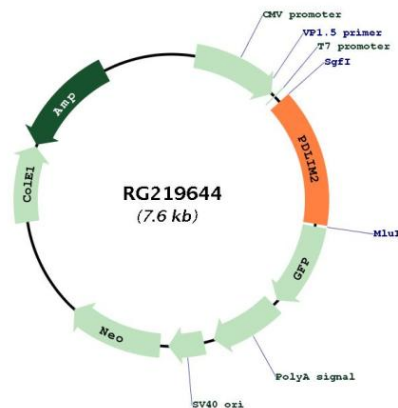
Locus ID: 64236

UniProt ID: [Q96JY6](#)

Cytogenetics: 8p21.3

Gene Summary: This gene encodes a member of the ALP subfamily of PDZ-LIM domain proteins. The encoded protein suppresses anchorage-dependent growth and promotes cell migration and adhesion through interactions with the actin cytoskeleton via the PDZ domain. The encoded protein is also a putative tumor suppressor protein, and decreased expression of this gene is associated with several malignancies including breast cancer and adult T-cell leukemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]

Product images:



Circular map for RG219644