

Product datasheet for **MC219894**

Pls3 (NM_145629) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Pls3
Synonyms:	Al115446; AL024105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC219894 representing NM_145629
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGATGAGATGGCGACCAACCCAGATTTCCAAAGATGAGCTTGATGAACTCAAAGAAGCCTTGC AAAAG
 TTGATCTCAACAGCAATGGATTCAATTCGCGACTATGAGCTTCATGAGCTTTCAAGGAAGCTAATATGCC
 ACTGCCCGGATATAAAGTGAGAGAAATTATTGAGAACTCATGGTGGATGGTGACAGAAATAAAGATGGG
 AAGATCAGCTTTAATGAGTTTGTATATTTTCCAAGAGGTAAGAGCAGTGATATCGCTAAACCTTCC
 GAAAGGCCATCAACAGGAAGAAGGGATTTGTGCTCTGGGAGGGACATCAGAGTTGTCCAGTGAAGGGAC
 CCAGCATTCCTATTGAGAGGAAGAAAAATATGCTTTTGTAACTGGATAAACAAAGCTTTGGAAAAATGAT
 CCCGATTGTAGACATGTACATCCCATGAACCCAAATACTGATGACCTGTTCAAAGCAGTTGGTGATGGGA
 TCGTGCTCTGCAAAATGATCAACCTTTCAGTTCCTGATACAATTGACGAGAGCAATCAATAAGAAGAA
 GCTTACACCTTCATCATTAGGAAAACCTGAACTTGGCCCTGAACTCTGCTTCTGCCATTGGGTGTAC
 GTTGTGAACATTGGTGCCGAAGATCTGCGGGCCGGGAAACCTCACCTGGTTTTGGGACTGCTTTGGCAGA
 TTATTAAGATTGGCCTGTTTGTCTGACATTGAATTAAGCAGGAATGAAGCACTGGCAGCTTTGCTTCGAGA
 TGGTGAGACACTGGAGGAGCTTATGAAATTGTCTCCAGAAGAGCTTCTGCTGAGATGGGCCAACTTCCAT
 CTGGAAAACCTCAGGCTGGCAAAAGATCAACAACCTCAGCGCTGACATCAAGGATTCCAAAGCCTATTTC
 ATCTGCTCAATCAAATCGCACCGAAGGGACAGAAAGAAGGGAGCCACGGATAGATATTAACATGTCAGG
 TTTCAATGAACTGATGATTTAAAGAGAGCCGAAAGTATGCTTCAACAAGCAGATAAATTAGGTTGCAGA
 CAGTTCGTTACTCCAGCTGATGTTGTGAGCGGAAACCCAACTGAACTTGGCCTTTGTAGCTAACCTCT
 TCAATAAATATCCAGCACTAACTAAACCTGAAAACAGGATATTGACTGGACTCTTCTAGAAGGGGAAAC
 TCGGGAAGAAAGAACCTTCCGCAACTGGATGAACTCTCTTGGTGTTAATCCCCACGTCAACCATCTCTAT
 GCTGACCTGCAGGATGCTCTGGTGATCCTACAGCTGTATGAGAGGATTAAGTTCCTGTGGACTGGAGTA
 AAGTTAAACAGCCTCCATACCCAAAGCTGGGGGCCAACATGAAGAAGTTAGAAAACGCAACTATGCAGT
 TGAATTAGGGAAGAATCCAGCTAAATCTCCTTGGTTGGCATTGGAGGACAAGACCTGAACGATGGCAAC
 CCTACCTTGACCTTGGCTGTAGTCTGGCAGCTGATGAGAAGATATACCCTTAATGTTCTGGAAGATCTTG
 GAGAGGGTCAGAAAGCAAAATGATGACATCATTGTAACCTGGGTCAACAGAACATTGAGTGAAGCTGGAAA
 GTCAACTTCCATTAGAGTTTAAAGACAAGACCATCAGCTCCAGTTTGGCGGTTGTGGATTTAATTGAC
 GCCATCCAACAGGCTGCATTAACATGACCTTGTGAAGAGTGGGAATCTAACAGAAGATGACAAGCACA
 ATAACGCCAAGTACGAGTATCGATGGCTAGAAGAATCGGAGCCAGAGTATATGCCCTCCCTGAAGACCT
 TGTGGAAGTAAACCGAAGATGGTCATGACTGTGTTTGCCTGTTTGATGGGCAGAGGGATGAAGAGAGTG
 TAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_145629

Insert Size:

1893 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_145629.2, NP_663604.1</u>
RefSeq Size:	3251 bp
RefSeq ORF:	1893 bp
Locus ID:	102866
UniProt ID:	<u>Q99K51</u>
Cytogenetics:	X A7.3
Gene Summary:	Actin-bundling protein.[UniProtKB/Swiss-Prot Function]