

Product datasheet for MC210235

Lpar3 (NM_022983) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lpar3 (NM_022983) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lpar3
Synonyms:	Edg7; lpA3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210235 representing NM_022983 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATGAGTGTCACTATGACAAGCGCATGGACTTTTTCTACAACAGGAGCAACACAGACACAGCGGACG
AGTGGACAGGGACAAAGCTTGTGATCGTCTGTGCGTGGGACGTTCTTCTGCCTCTTTATATTTTTTTC
TAACTCCCTGGTCATTGCTGCGGTGATCACAACCGGAAGTTCACCTTCCCTTCTACTACCTGCTGGCT
AACTTAGCTGCTGCGGATTTCTCGCCGGAATCGCTTACGTGTTCTGATGTTAACTGGCCCGGTGT
CGAAAACGTTGACCGTCAACCGCTGGTTCCTCCGCGGGGCTCCTAGACACCAGCCTGACTGCCTCCCT
GGCCAATTTGCTGGTTATTGCTGTGAAAAGACACATGTCCATCATGAGGATGAGAGTCCACAGCAACTTG
ACCAAAAAGCGGGTGACGCTGCTCATTCTGCTGGTGTGGCCATCGCCATCTTATGGGGCCGTCCTCCCA
CGCTGGGATGGAATTGCCTCTGCAACATCTCGGCTGCTCTTCTGCTGCCATTTACAGTAGGAGTTA
CCTCATTTTCTGGACTGTGTCCAACCTCCTGGCCTTCTTCATCATGGTGGCGGTATACGTACGCATCTAC
ATGTATGTTAAAAGGAAAACCAACGTCTTATCTCCACACACCAGTGGCTCCATCAGCCGCGGAGGGGTC
CCATGAAGCTAATGAAGACAGTGATGACCGTCTTAGGCGCCTTCGTGGTGTGCTGGACCCCGGTCTGGT
GGTCTGCTGCTGGACGGCCTGAACTGCAAGCAGTGTAACGTGCAACACGTGAAGCGCTGGTTCCTGCTG
CTCGCACTGCTCAACTCCGTGATGAACCCCATCTACTCGTACAAGGACGAGGACATGTACAACACCA
TGCGGAAGATGATCTGCTGTGCCCTGCAGGACAGCAATACCGAGAGGCGCCCTCCCGCAACCCCTCCAC
CATCCACAGCAGGAGCGAGACGGCAGCCAGTACCTGGAGGACAGCATCAGCCAGGGCCCGGTGTGCAAT
AAAAACGGCTCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_022983
Insert Size:	1065 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>BC125460</u> , <u>AAI25461</u>
RefSeq Size:	1184 bp
RefSeq ORF:	1065 bp
Locus ID:	65086
UniProt ID:	<u>Q9EQ31</u>
Cytogenetics:	3 71.03 cM
Gene Summary:	Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. Seems to be coupled to the G(i)/G(o) and G(q) families of heteromeric G proteins.[UniProtKB/Swiss-Prot Function]