

Product datasheet for MC212942

Clec12a (NM_177686) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clec12a (NM_177686) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clec12a
Synonyms:	CLL-1; D230024O04; KLRL1; Micl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212942 representing NM_177686 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGAAGAAATTGTTTATGCAAATCTCAAAATCCAGGACCCTGATAAAAAAGAAGAAACCCAGAAGT
CTGACAAATGTGGGGGAAAAGTATCCGCCGATGCTTCCCATTCACAGCAAAAACAGTCTTGATTCTGAT
TCTTCTATGCCTTCTGCTGTTTCATTGGAATGGGGTCTTAGGAGGCATCTTTTATACAACCTTTGGCAACA
GAAATGATAAAATCGAATCAATTGCAAAGGCCAAGGAAGAACTTCAGGAAAATGTTTTCTACAGCTGA
AGCACAATCTCAACAGCTCCAAGAAAATCAAGAACCTTTCTGCCATGCTGCAAAGCACAGCCACCCAGCT
GTGCCGAGAGCTGTATAGCAAAGAACCAGAGCACAAATGTAAACCATGTCAAAGGGTTCAGAATGGTAC
AAGGACAGCTGTTATTCTCAACTCAATCAGTATGGAACATGGCAAGAGAGTGTATGGCCTGCTCTGCTC
GGAATGCCAGCCTCCTGAAGGTTAAGAACAAGGATGTGCTGGAATTTATAAAGTACAAGAAGCTACGCTA
TTTTTGGCTTGCATTGTTGCCAGAAAAGATCGCACACAATATCCACTAAGTGAGAAGATGTTTCTCTCT
GAAGAGTCTGAAAGAAGCACAGATGACATAGATAAGAAGTACTGCGGATATATAGACAGGGTCAATGTTT
ATTATACATACTGCACTGATGAGAACAATATCATATGTGAAGAGACAGCCAGCAAGGTGCAGTTGGAAG
TGTGTTGAATGGCCTCCCAGAGGATAGCAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1899_f11.zip
Restriction Sites:	Sgfl-MluI
ACCN:	NM_177686



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Insert Size:	804 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	BC094904 , AAH94904
RefSeq Size:	2222 bp
RefSeq ORF:	804 bp
Locus ID:	232413
UniProt ID:	Q504P2
Cytogenetics:	6 F3
Gene Summary:	Cell surface receptor that modulates signaling cascades and mediates tyrosine phosphorylation of target MAP kinases.[UniProtKB/Swiss-Prot Function]