

Product datasheet for **RN202478**

Colec12 (NM_001025721) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Colec12 (NM_001025721) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Colec12
Synonyms:	MGC114569
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202478 representing NM_001025721
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAAGACGACTTTGCAGAGGAAGAGGAGGTGCAGTCCTTCGGTTACAAGAGGTTTGGTATTCAGGAGG
 GGACACAATGTACCAAATGTAAAAATAACTGGGCACTGAAGTTTTTCGATTATATTATATGTTTTGTG
 TGCCTTACTGACCATCACAGTAGCCATTTTGGGATATAAAGTTGTAGAGAAAATGGACACTGTCACAGAT
 GGCATGGAGACATCTCGCCAGACTTACGACAACAAGCTCATTGCTGTGGAAAAGTATCTGAAGAAATTAG
 GGGACCAAACCTGGGAAGAAAGCTCTAAGCACCAACTCTGAGCTTTCTACCTTCAGATCAGATATTCTGGA
 TCTCCGTCAGCAACTTCAGGAGATCACAGAAAAACCAGTAAGAACAAGATATGCTAGAGAAGTTGCAA
 GCAATGGGGACTCATTGGTTGATAGACAAAGTCAACTGAAGGAACTCTGCAGAATAATTCTTCTCTCA
 TCACCACAGTCAACAAAACCTCTCCAGGCATATAATGGCTATGTCACGAATCTGCAACAAGATACTAGTGT
 GCTCCAGGGCAATCTGCAGAGCCAGATGTATTCTCAGAATGTGGTTATCATGAACCTCAACAACCTGAAC
 CTGACCCAGGTTACGAGAGGAACCTTATCACAATCTGCAGCGATCTGTGGATGACACGAGCCTGGCTA
 TCCAGCAAATTAAGAATGACTTCCAAAATCTGCAACAGGTTTTCTTCAAGCCAAGAAGGACACCGATTG
 GCTAAAGGAGAAAAGTACAGAGTTTGAGACATTGGCTGCCAACAACTCTGCCCTGGCCAAAGCCAATAAT
 GACACCTGGAGGATATGAATAACCAGCTCAGCTCTTTCACAGGTGAGTGGACAACATTACCACTATCT
 CACAGGCTAACGAGCAGAGCATGAAAGACCTTCAGGACTTACACAAGGATACAGAAAATAGGACAGCTGT
 CAAGTTACGCCAACTTGAGGAACGCTTCCAGGTCTTTGAGACAGATATTGTGAACATCATTAACAACATC
 AGCTACACAGCCCACCTGAGGACGCTGACCAGCAATCTGAATGATGTTAGGACCAGTGCACAGACA
 CCTTGACCAGACACCGGATGACCTGACCTCCTTGAATAACACACTAGTCAACATCCGCTTGGATTCTAT
 TTCTCTCAGGATGCAGCAAGACATGATGAGGTCAAGGTTAGACACTGAAGTAGCCAACCTTATCAGTGGTT
 ATGGAAGAGATGAAGCTGGTTGACTCCAAGCATGGTCAGCTCATCAAGAACTTTACCATTCTACAGGGTC
 CTCCTGGCCCCAGAGGTCCAAAAGGTGACAGAGGATCTCAGGGACCGCCTGGTCCAACCTGGCAACAAGGG
 ACAGAAAGGAGAGAAGGGAGAGCCTGGTCCACCTGGCCCTGCGGGTGAGCGAGGCACAATTGGACCAGTA
 GGCCCTCTGGAGAGCGTGGCAGCAAAGGATCCAAAGGCTCACAGGGTCCCAAAGGATCACGTGGGTCCC
 CAGGAAAGCCTGGCCCTCAAGGGCCTAGTGGAGACCTGGACCACAGGTCCACCAGGCAAGGATGGACT
 CCCTGGCCCTCAGGGCCCTCTGGCTTCCAGGGACTACAGGGCACTGTGGGTGAACCTGGAGTACCTGGA
 CCTCGGGGCTACCAGGCTTACCAGGGGTGCCAGGCATGCCTGGGCCAAGGGACCCTGGCCCCCAG
 GTCCTCAGGAGCAATGGAGCCGTTGGCTCTGCAGAATGAACCAACCCAGCATCAGAGGTCAACCGATG
 TCCGCCTCACTGGAAGAACTTCACAGATAAATGTTACTATTTTTTCGGTGGAGAAAGAAATTTTTGAAGAT
 GCTAAGCTTTTCTGTGAAGACAAATCTTCCCATCTCGTTTTTATAAACTCAAGAGAGGAACGCAATGGA
 TAAAAAGCAGACCATGGGGAGAGAGGCCACTGGATCGGCCTCACAGACTCAGAGCAAGAAAGCGAGTG
 GAAGTGGCTAGATGGGACACCTGTTGATTACAAAAACTGGAAAGCTGGACAACCCGACAACCTGGGGCAGT
 GGCCATGGGCCTGGAGAAGACTGTGCTGGATTGATTTATGCCGGGCAGTGAATGACTTCCAGTGTGATG
 AAATCAATAACTTCATTTGCGAAAAAGAAAGGGAGGCAGTACCATCATCCATATTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001025721

Insert Size: 2229 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_001025721.1</u> , <u>NP_001020892.1</u>
RefSeq Size:	2913 bp
RefSeq ORF:	2229 bp
Locus ID:	361289
UniProt ID:	<u>Q4V885</u>
Cytogenetics:	18p13
Gene Summary:	mouse homolog is a scavenger receptor with a C-type lectin/carbohydrate recognition domain [RGD, Feb 2006]