

Product datasheet for RN207392

Cd14 (NM_021744) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd14 (NM_021744) Rat Untagged Clone
Tag: Tag Free
Symbol: Cd14
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207392 representing NM_021744
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGCTTATGCTCGGCTTGTGTGCTGTTGCCTTTGACACTGGTGCATGCCTCTCCGCCACACCAGAAC
 CCTGTGAGCTGGACCAGGACGAGGAAAGTGTCCGCTGCTACTGCAACTTCTCAGATCCGCAGCCCAATTG
 GTCCAGCGCTTTTCTATGCGCGGGGCGGAAGACGTGGAGTTCTACGGCGCGGTGCGAGCTGGAGTAC
 CTTCTAAAGCGTGTGGACACGGAAGCAAATCTGGGGCAGTACACTGATATTATCAGGTCTCTGCCCTTGA
 AGAGGCTTACTGTGCGGTCCGCGCGGGTTCCTACTCAGATTCTATTTCGGAACCCTGCGTGTGCTCGGATA
 TTCTGGCTCCGGAACTGACTCTTAAAACTCGAGGTAACCGGCACCGCCTTTCGCCCTTCTGGAT
 GCCACCGGACCCGATCTCAACACCTTGAGCCTCCGCAACGTGCTGTTGGCAACAACGGATACCTGGCTCG
 CAGAACTGCAGCAGTGGCTAAAGCCTGGACTCAAGGTAAGTATTGCCAAGCACACTCACTCAACTT
 TTCTTGCAAACAGGTCCGCGTCTTCCCTGCCCTTGCCACCTTAGATCTGTCTGACAACCCTGAGTTGGGC
 GAGAAAGGACTGATCTCGCCCTCTGTCCGCACAAATCCCGACCCTCAAGTTTTAGCGCTGCGCAACG
 CGGGGATGGAGACGACCAGCGCGTGTGCTCTGCGCTGGCCGAGCAAGAGTGCCACTGCAGGCACTGGA
 TCTCAGTCACAATTCAGTCCGGGATACTGCTGGCACTCCGAGCTGTGACTGGCCAGTCAGCTAACTCG
 CTCAATCTATCTTTCAGTGGGCTGGAGCACGTACCTAAAGGGCTGCCAGCCAAGCTTAGCGTGTGATC
 TCAGTTACAACAGGCTGGATAGGAACTAGGCCAGAGGAGCTGCCTGAAGTGGGGAGCCTGCACTTAC
 AGGAAATCCCTTTTGCCTCTGAATCCAGTCCGAGGCGTATAACTCTGGCGTAGTCATAGCCACAGCT
 CTTTACCCGGATCAGCGGGCTTGTGAGAACTTTGGCTTGTCTCCTAGGACATCGCCTCTTTGTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_021744
Insert Size: 1119 bp



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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_021744.1</u> , <u>NP_068512.1</u>
RefSeq Size:	1591 bp
RefSeq ORF:	1119 bp
Locus ID:	60350
UniProt ID:	<u>Q63691</u>
Cytogenetics:	18p11
Gene Summary:	component of the lipopolysaccharide receptor complex; mediates LPS-induced neuroinflammation and inflammatory response [RGD, Feb 2006]