

Product datasheet for MC205794

Clec4n (NM_020001) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clec4n (NM_020001) Mouse Untagged Clone
Tag: Tag Free
Symbol: Clec4n
Synonyms: Clec6a; Clecsf10; Nkcl
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC023008
 CATTGGCCCGCTCTGTGGCATTAACTCAAGTGTGTGTGGAAGTTGATTCTGAACCTCGGCCTCTTTGAC
 AGAAGCCAGGTCCTGAGTCGTATTTGGAGACAGATGCAAGAAACCCCTGACCTTCTGAACATACACCT
 CAACAATGGTGCAGGAAAGACAATCCCAAGGGAAGGGAGTCTGCTGGACCCTGAGACTCTGGTCAGCTGC
 TGTGATTTCCATGTTACTCTTGAGTACCTGTTTCATTGCGAGCTGTGTGGTGACTTACCAATTTATTATG
 GACCAGCCAGTAGAAGACTATATGAACCTCACACATACCATTCCAGTCTCACCTGCTTCAGTGAAGGGA
 CTATGGTGTGAGAAAAATGTGGGGATGCTGCCAAATCACTGGAAGTCATTTGGCTCCAGCTGCTACCT
 CATTCTACCAAGGAGAACTTCTGGAGCACCAGTGAGCAGAACTGTTCAGATGGGGGCTCATCTGGTG
 GTGATCAATACTGAAGCGGAGCAGAATTCATCACCCAGCAGCTGAATGAGTCACTTTCTACTTCTCTGG
 GTCTTTCCGGATCCACAAGGTAATGGCAATGGCAATGGATCGATGATACTCCTTTAGTCAAAATGTCAG
 GTTCTGGCACCCCATGAACCAATCTCCAGAAGAGCGGTGTGTTTCAATAGTTTACTGGAATCCTTTCG
 AAATGGGGCTGGAATGATGTTTTCTGTGATAGTAAACACAATCAATATGTGAAATGAAGAAGATTTACC
 TATGAGTGCCGTATTATCATAATATCTTTAAAGTTTCAAGCTACCAAGAAGCCATAACTTCTTGGCCTG
 TACATCTGACAGAGGCCGTTCTTTTCTAGCCACTATTCTTTACTCAAACAGAATGAGCCCTTTCTCCTT
 CTGATGGTTAGAGTTTTGTCAACTTGACACAACTAGAGTCACTGGGGAGTAGGATCTTCAGCTAAGGA
 ATTGCCCTGTGAGCTTGACCAGTCAAGTGTCTGGGGCATTCTTGTGATTAATGATTGTTGTAAGAGG
 GTCCAGGTGGTAAGCAAAGGTGTTAAACCCATGAAGAGCAAGCCAGGGAGCATCATCCATCCATCTCTGC
 CCTCAGGTTTCTGCCAGGGTCTTGCCTGGTTTCTTCTATGAACTGCTGTTACTTGAAGTATAAGA
 TGAATAAAACAATTCATCCAAA

Restriction Sites: RsrII-NotI
ACCN: NM_020001
Insert Size: 630 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:	BC023008 , AAH23008
RefSeq Size:	1254 bp
RefSeq ORF:	630 bp
Locus ID:	56620
UniProt ID:	Q9JKF4
Cytogenetics:	6 58.3 cM
Gene Summary:	<p>Binds high-mannose carbohydrates in a Ca(2+)-dependent manner. Functional receptor for alpha-mannans on <i>C.albicans</i> hyphae. Plays an important role in the host defense against <i>C.albicans</i> infection by inducing TH17 cell differentiation. Recognizes also, in a mannose-dependent manner, allergens from house dust mite and fungi, by promoting cysteinyl leukotriene production. Recognizes soluble elements from the eggs of <i>Shistosoma mansoni</i> altering adaptive immune responses. Transduces signals through an Fc receptor gamma chain /FCER1G and Syk-CARD9-NF-kappa-B-dependent pathway.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>