

Product datasheet for **SC124933**

CD32 (FCGR2C) (NM_201563) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD32 (FCGR2C) (NM_201563) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD32
Synonyms:	CD32; CD32C; CDW32; FCG2; FCRIIC; IGFR2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_201563 edited
 GAATTCGGCACGAGGGCCCTCTAGGGTAGAATCCGCCAAGCTTTGAGAGAAGGCTGTGAC
 TGCTGTGCTCTGGGCGCCAGCTCGCTCCAGGGAGTGATGGGAATCCTGTCATTTTTACCT
 GTCCTTGCCACTGAGAGTGACTGGGCTGACTGCAAGTCCCCCAGCCTTGGGGTCATATG
 CTTCTGTGGACAGCTGTGCTATTCCTGGCTCCTGTTGCTGGGACACCTGCAGTCCCCCA
 AAGGCTGTGCTGAAACTCGAGCCCCAGTGGATCAACGTGCTCCAGGAGGACTCTGTGACT
 CTGACATGCCGGGGACTCACAGCCCTGAGAGCGACTCCATTCACTGGTTCACAATGGG
 AATCTCATTCCCACCACACGCAGCCAGCTACAGGTTCAAGGCCAACACAATGACAGC
 GGGGAGTACACGTGCCAGACTGGCCAGACCAGCCTCAGCGACCCTGTGCATCTGACTGTG
 CTTTCTGAGTGGCTGGTCTCCAGACCCCTCACCTGGAGTTCAGGAGGGAGAAACCATC
 GTGCTGAGGTGCCACAGCTGGAAGGACAAGCCTCTGGTCAAGGTCACATTCTCCAGAAT
 GGAAAATCCAAGAAATTTCCCGTTCCGATCCCAACTTCTCCATCCACAAGCAAACCAC
 AGTCACAGTGGTATTACCACTGCACAGGAAACATAGGCTACACGCTGTACTCATCCAAG
 CCTGTGACCATCACTGTCCAAGCTCCAGCTCTTCACCGATGGGGATCATTGTGGCTGTG
 GTCACTGGGATTGCTGTAGCGGCCATTGTTGCTGCTGTAGTGGCCTTGATCTACTGCAGG
 AAAAAGCGGATTTAGCCAAATCCACTGATCCTGTGAAGGCTGCCAAATTTGAGCCACCT
 GGACGTCAAATGATTGCCATCAGAAAGAGACAACCTGAAGAAACCAACAATGACTATGAA
 ACAGCTGACGGCGGCTACATGACTCTGAACCCAGGGCACCTACTGACGATGATAAAAAAC
 ATCTACCTGACTTTCCTCCCAACGACCATGTCAACAGTAATAACTAAAGAGTAACGTTA
 TGCCATGTGGTCACACTCTCAGCTTGTGAGTGGATGACAAAAAGAGGGGAATTTGTTAA
 GGAAAATTTAAATGGAGACTGGAAAAATTCCTGAGCAAAACAAACCACCTGGCCCTTAGA
 AATAGCTTTAACTTTGCTTAAACTACAAACACAAGCAAACTTCACGGGGTCATACTACA
 TACAAGCATAAGCAAAACTTAACTTGGATCATTCTGGTAAATGCTTATGTTAGAATAA
 GACACCCCGAGCCAATCACAAGCAGCCTACTAACATATAATTAGGTGGCTAGGGACTTTC
 TAAGAAGATACCTACCCCAAAAAACAATTATGTAATTGAAAACCAATCGATTGCCTTTA
 TTTTGCTTCCACATTTTCCCAATAAATACTTGCCTGTGACATTTTGCCACTGGAACACTA
 AACTTCATGAATTGCGCCTCAGATTTTTCTTTAACATCTTTTTTTTTTTGACAGTCTCA
 ATCTGTTACCCAGGCTGGAGTGCAGTGGTGTATCTTGGXXXXXXXXXXXXXXXXXXAA
 CAAAAAAAAAAAAAAAAAACTCGAC

5' Read Nucleotide Sequence: >OriGene 5' read for NM_201563 unedited
 TGTTTTTTTAAACACGAAACTACNGATANGTCGTTCCGCGCAATTCGGCAGGAGGCCCT
 CTAGTTTGAATCCGCCAAGCTTTGAGAGAAGGCTGTGACTGCTGTGCTCTGGGCGCCAG
 CTCGCTCCAGGGAGTGATGGGAATCCTGTCATTTTTACCTGTCCTTGCCACTGAGAGTGA
 CTGGGCTGACTGCAAGTCCCCCAGCCTTGGGGTCATATGCTTCTGTGGACAGCTGTGCT
 ATTCCTGGCTCCTGTTGCTGGGACACCTGCAGCTCCCCAAAGGCTGTGCTGAAACTCGA
 GCCCAGTGGATCAACGTGCTCCAGGAGGACTCTGTGACTCTGACATGCCGGGGGACTCA
 CAGCCCTGAGAGCGACTCCATTCAGTGGTTCACAATGGGAATCTCATTCCCACCACAC
 GCAGCCCAGCTACAGGTTCAAGGCCAACACAATGACAGCGGGGAGTACACGTGCCAGAC
 TGGCCAGACCAGCCTCAGCGACCCTGTGCATCTGACTGTGCTTTCTGAGTGGCTGGTGT
 CCAGACCCCTCACCTGGAGTTCAGGAGGGAGAAACCATCGTGTGAGGTGCCACAGCTG
 GAAGGACAAGCCTCTGGTCAAGGTCACATTCTCCAGAATGGAAAATCCAAGAAATTTTC
 CCGTTCGGATCCCAACTTCTCCATCCACAAGCAAACCACAGTCAACAGTGGTATTACCA
 CTGCACAGGAAACATANGCTACACGCTGTACTCATCCAAGCCTGTGACCATCACTGTTCA
 AGCTCCCAGCTCTTCACCGATGGGGATCATTGTGGCTGTTGTCACTGGGATTGCTGTANC
 GGCCATTGTTGCTGTAGTGGCTTGATCTACTGCAGGAAAAAGCGNATTTACGCCAA
 TTNCACTGATTCTGTTGAAGCTGCCATTTGAGCCACTGGACGTCAATGAATGCATCAGA
 AGAGACACCTGAGAAACACATGACTTGAACAGTACGGGTTTCATGT

Restriction Sites: NotI-NotI
ACCN: NM_201563

Insert Size:	2500 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:	NM_201563.2 , NP_963857.2
RefSeq Size:	1005 bp
RefSeq ORF:	972 bp
Locus ID:	9103
UniProt ID:	P31995
Cytogenetics:	1q23.3
Protein Families:	ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Fc gamma R-mediated phagocytosis, Systemic lupus erythematosus
Gene Summary:	<p>This gene encodes one of three members of a family of low-affinity immunoglobulin gamma Fc receptors found on the surface of many immune response cells. The encoded protein is a transmembrane glycoprotein and may be involved in phagocytosis and clearing of immune complexes. An allelic polymorphism in this gene results in both coding and non-coding variants. [provided by RefSeq, Apr 2012]</p> <p>Transcript Variant: This variant (1, coding) encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>