

Product datasheet for **SC107220**

CD300E (NM_181449) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD300E (NM_181449) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD300E
Synonyms:	CD300LE; CLM-2; CLM2; CMRF35-A5; IREM-2; IREM2; PIgR-2; PIgR2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107220 sequence for NM_181449 edited (data generated by NextGen Sequencing) ATGTGGCTGCTCCCAGCTCTACTCCTTCTCTGCCTCTCAGGCTGTTTGTCTCTGACGGC CCCGGCTCTGTGACTGGCACTGCGGGGACTCTCTGACAGTGTGGTGTGTCAGTATGAGAGC ATGTACAAGGGATATAACAAGTACTGGTCCGAGGACAGTACGACACGTCATGTGAGAGC ATTGTGGAGACCAAGGGAGAAGAGAAGGTGGAGAGGAATGGCCGCGTGTCCATCAGAGAC CACCCGGAGGCTCTCGCCTTCACTGTGACCATGCAGAACCTCAATGAAGATGATGCTGGA TCTTACTGGTGCAAAATTCAGACAGTGTGGTCTGGATTTCATGGTCACGCGATCCCTCG GACCTGGTTAGGGTGTATGTTTCCCAGCAATTACAACCCCAAGGAGGACCACACATCCA GCCACACCTCCCATCTTCTGGTGGTGAACCCTGGGCGAAACCTCAGCACCGGGGAGGTG TTGACCCAAAATTCAGGGTTCGGCTCAGCAGCCCTCACTTCTGCTCGTGGTCTTCTG AAGCTGCCCTGCTCCTGAGCATGCTGGGTGCTGTCTTCTGGGTGAACAGGCCTCAGTGG GCTCCTCTGGAAGATAG
	Clone variation with respect to NM_181449.2 56 a=>c



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_181449 unedited AGAAATTTGGTATACGACTCACTATAGGGCGGCCCGGATTTCGGCACCAGGNATGACCCA GGCTCCGTTACATATACTTGGATTCCAGCTGGGACCTAGATTTGCTGAGGACGGAAGCCA AGGAGACAGGAACATGTGGCTGCTCCCAGCTCTACTCCTTCTCTGCCTCTCAGGCTGTTT GTCTCTGACGGGCCCCGGCTCTGTGACTGGCACTGCGGGGACTCTCTGACAGTGTGGTG TCAGTATGAGAGCATGTACAAGGGATATAACAAGTACTGGTGCCGAGGACAGTACGACAC GTCATGTGAGAGCATTGTGGAGACCAAGGAGAGAAGAGAAGGTGGAGAGGAATGGCCGCT GTCCATCAGAGACCACCCGGAGGCTCTCGCCTTCACTGTGACCATGCAGAACCTCAATGA AGATGATGCTGGATCTTACTGGTGCAAAATTCAGACAGTGTGGGTCTGGATTCTATGGTC ACGCGATCCCTCGGACCTGGTTAGGGTGTATGTTTCCCCAGCAATTACAACCCCAAGGAG GACCACACATCCAGCCACACCTCCCATCTTCTGGTGGTGAACCTGGGCGAAACCTCAG CACCGGGGAGGTGTTGACCCAAANATCAGGGTTCGGCTCAGCAGCCCTCACTTCTGCT CGTGGTCTTCTGAAGCTGCCCTGCTCCTGAGCATGCTGGGTGCTGTCTTCTGGGTGAA CAGGCCTCAGTGGGCTCCTCTGNAAGATAGAGCCAGCTGACCCCGAACCTGCAGAGC CCATCCCAGNAGTGCCCGTGCAGGGAGTCACCTTCAGACTGGATGCGAGAGACTGT GACTCTGGAGGAATTATTGTTCTGTGCTAAAAGGAGGTCCTGCTCTAAAGACCCTCTCTG AGTCTCAGNGCANTTGGGGGCTCTTTTTTCTCCAGCCCTGTCTCTGCCTATGCCCTT CAGGGAATTTCTCTGAAGTGCC
Restriction Sites:	NotI-NotI
ACCN:	NM_181449
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_181449.1 , NP_852114.1
RefSeq Size:	739 bp
RefSeq ORF:	618 bp
Locus ID:	342510
UniProt ID:	Q496F6
Cytogenetics:	17q25.1
Protein Families:	Druggable Genome, Transmembrane

Gene Summary:

This gene encodes a member of the CD300 glycoprotein family of cell surface proteins expressed on myeloid cells. The protein interacts with the TYRO protein tyrosine kinase-binding protein and is thought to act as an activating receptor. [provided by RefSeq, Nov 2012]