

Product datasheet for **SC108463**

LFA3 (CD58) (NM_001779) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LFA3 (CD58) (NM_001779) Human Untagged Clone
Tag:	Tag Free
Symbol:	LFA3
Synonyms:	ag3; LFA-3; LFA3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001779, the custom clone sequence may differ by one or more nucleotides

```
ATGGTTGCTGGGAGCGACGCGGGGCGGGCCCTGGGGTCTCAGCGTGGTCTGCCTGCTGCACTGCTTTG
GTTTCATCAGCTGTTTTCCCAACAAATATATGGTGTGTATGGGAATGTAACCTTCCATGTACCAAG
CAATGTGCCTTTAAAAGAGGTCTATGGAAAAACAAAAGGATAAAGTTGCAGAACTGGAAAATTCTGAA
TTCAGAGCTTTCTCATCTTTAAAAATAGGTTTATTTAGACTGTGTCAGGTAGCCTCACTATCTACA
ACTTAACATCATCAGATGAAGATGAGTATGAAATGGAATCGCCAAATATTACTGATACCATGAAGTTCTT
TCTTTATGTGCTTGAGTCTCTTCCATCTCCACACTAACTGTGCATTGACTAATGGAAGCATTGAAGTC
CAATGCATGATACCAGAGCATTACAACAGCCATCGAGGACTTATAATGTACTCATGGGATTGTCCTATGG
AGCAATGTAAACGTAACCAACAGTATATATTTAAGATGGAAAATGATCTTCCACAAAAATACAGTG
TACTCTTAGCAATCCATTATTTAATACAACATCATCAATCATTTTGACAACCTGTATCCCAAGCAGCGGT
CATTCAAGACACAGATATGCACTTATACCCATACCATTAGCAGTAATTACAACATGTATTGTGCTGTATA
TGAATGGTATTCTGAAATGTGACAGAAAACCAGACAGAACCAACTCCAATTGA
```



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_001779 unedited
 NTTGTCAAATTTGATCGATCCTTAGCGGCCGCGATTCCCCGAGGCCCGAGAGCCATGGT
 TGCTGGGAGCGACGCGGGGCGGGCCCTGGGGTCTCAGCGTGGTCTGCCTGCTGCACTG
 CTTTGGTTTCATCAGCTGTTTTCCCAACAATATATGGTGTGTGTATGGGAATGTAAC
 TTTCCATGTACCAAGCAATGTGCCTTTAAAAGAGGTCCTATGGAAAAACAAAAGGATAA
 AGTTGCAGAACTGGAAAATCTGAATTCAGAGCTTTCTCATCTTTAAAAATAGGGTTTA
 TTTAGACACTGTGTCAGGTAGCCTCACTATCTACAACCTAACATCATCAGATGAAGATGA
 GTATGAAATGGAATCGCCAAATATTACTGATACCATGAAGTTCTTTCTTTATGTGCTTGA
 GTCTCTTCCATCTCCCACTAACTTGTGCATTGACTAATGGAAGCATTGAAGTCCAATG
 CATGATACCAGAGCATTACAACAGCCATCGAGGACTTATAATGTACTNCATGGGATTGTC
 CCATGGAGCAATGTAAACGTAACCAACAGTATATTTTTAAGATGGAAAATGATCTTC
 CACAAAAATACAGTGTACTCTTAGCAATCCATTATTTAATAACAACATCATCAATCATT
 TGACAACCTGTATCCCAGNCAGCGGTCAATCAAGACACAGATATGCACTTATACCCATAC
 CATTAGCAGTAATTACAACATGTATTGTGCTGTATATGAAATGGGTATTCTTGAAGGTG
 ACAGAAAACAGACAGAACCAACTCCAATTGGATGGGTAACACGAAGAATGAAGACCACA
 GNNCTACTAAATTTTTAAAACTAAAAAGCATCTGATTCTCATTGGATATTACCATT
 TTTGAACAACCTGTTGGNAATGTAACCTGNAGCAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_001779 unedited
 GACCGCGGCCGCAATTTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTGGTTTTTCACTTGGGGACCTATTTACCTTTATTTACCAAAGGATCTACCTC
 ATCAGTAAAAACAATTTACTGGCAAAAAAGCAAGCCCCTAATCATATAATAAGTTGATG
 ACAGCCAAAACCTAAAGCTTGGTCTTTGTTAAGGGGGATTCTTTTTAAAGCAGCTGGTTC
 AAGTTACATTTCCAACAGTTGGTCAAAAATTGGAATACTCAAATGAAAAATCAAATGGCT
 TTTAATTTTTAAAAAATTTAATTATGCTGGGGCTTCATCTTCTGGTACCAAACAATT
 GGAGGTGGGTCTGGCTGGGTTTCTGGCACATTTCAAATACCATTATATACCGACAAT
 ACATGGTGGAAATTAAGTAAATGGGATGGGGATAAGGGCATATCTGTGCTTGAATGACC
 CCTGCTGGGATACAGTTGTCAAAATGATTGATGATGTTGGATTAATAATGGATTGCT
 AAGAGTACACTGTATTTTTGTGGAAGAACATTTCCATTTAAAATATATACTGGGTGA
 GTTACGCTTACATTGCTCCATGGGACACATCCCTGAGTACATTATAAGTCCCTCCATGGCT
 GGTGGAATGCTCTGGGATCATGCATTGGACCTCAATGGCTCCATTAGNNCATGCCAGGT
 AGTGTGGGAGATTGCAGAGACCTCAGCCCACTAAGAAGAACTCCCTGGGATCAGGAATA
 TTTGGCGAGTCCCTTTATACTCATCTTATCTGAAGAAGTAAGATGGAGATAAGGAGGG
 CTCCTGCCAATGTCTAACTAAACCCTTTTTAAAGGAGAAAAAGCTCTGATTGCAATTT
 CCCCCTTGCACCTTTATCTTTGTCTTCTATAGACCTTTTTAAAGCCCATGGTTGGGC
 CTGGAAGTCACTCCCATACCCACCTTATATTGTGGGAAAAACCTG

Restriction Sites:

NotI-NotI

ACCN:

NM_001779

Insert Size:

1100 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:

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_001779.1](#), [NP_001770.1](#)

RefSeq Size: 1153 bp

RefSeq ORF: 753 bp

Locus ID: 965

UniProt ID: [P19256](#)

Cytogenetics: 1p13.1

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs)

Gene Summary: This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. The protein is localized to the plasma membrane. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009]
Transcript Variant: This variant (1) represents the shortest transcript and encodes the longer isoform (1).