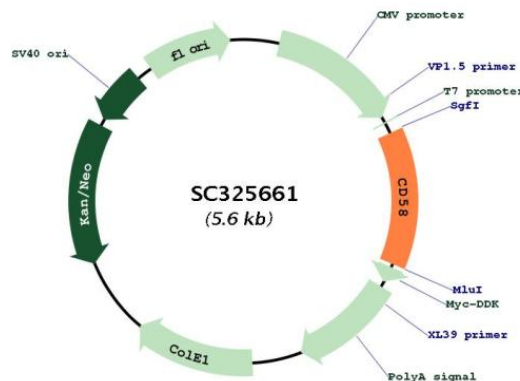


## Product datasheet for **SC325661**

### LFA3 (CD58) (NM\_001144822) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LFA3 (CD58) (NM_001144822) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD58
Synonyms:	ag3; LFA-3; LFA3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	SgfI-MluI
Plasmid Map:	



ACCN:	NM_001144822
Insert Size:	747 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001144822.1</a></u>
<b>RefSeq Size:</b>	1395 bp
<b>RefSeq ORF:</b>	747 bp
<b>Locus ID:</b>	965
<b>UniProt ID:</b>	<u><a href="#">P19256</a></u>
<b>Cytogenetics:</b>	1p13.1
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Cell adhesion molecules (CAMs)
<b>MW:</b>	28 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (2) includes an alternate segment in the 3' coding region compared to variant 1 that causes a frameshift. The resulting protein (isoform 2) has a distinct C-terminus, compared to isoform 1. This variant (2) also contains a unique 3' UTR compared to variant 1.</p>