

## Product datasheet for **SC332268**

### CD6 (NM\_001254750) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CD6 (NM\_001254750) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CD6  
**Synonyms:** TP120  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332268 representing NM\_001254750.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTGGCTCTTCTTCGGGATCACTGGATTGCTGACGGCAGCCCTCTCAGGTCATCCATCTCCAGCCCCA
CCTGACCAGTCAACACCAGCAGTGCAGAGAGTGAGCTCTGGGAGCCAGGGGAGCGGCTTCCGGTCCGT
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CAGCCAGCCTTTTCAGGGTCCCCAGCCCTCAGCCTGACTCCACCACAACGATGACTACGATGACATC
AGCGCAGCCTAG
  
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<b>Restriction Sites:</b>	Sgfl-NotI
<b>ACCN:</b>	NM_001254750
<b>Insert Size:</b>	1806 bp
<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>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>	<a href="#">NM_001254750.1</a>
<b>RefSeq Size:</b>	3101 bp
<b>RefSeq ORF:</b>	1806 bp
<b>Locus ID:</b>	923
<b>UniProt ID:</b>	<a href="#">P30203</a>
<b>Cytogenetics:</b>	11q12.2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Cell adhesion molecules (CAMs)
<b>MW:</b>	64.7 kDa
<b>Gene Summary:</b>	<p>This gene encodes a protein found on the outer membrane of T-lymphocytes as well as some other immune cells. The encoded protein contains three scavenger receptor cysteine-rich (SRCR) domains and a binding site for an activated leukocyte cell adhesion molecule. The gene product is important for continuation of T cell activation. This gene may be associated with susceptibility to multiple sclerosis (PMID: 19525953, 21849685). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]</p> <p>Transcript Variant: This variant (2) lacks two alternate in-frame exons in the 3' coding region compared to variant 1. The resulting protein (isoform 2) is shorter compared to isoform 1.</p> <p>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>