

## Product datasheet for **SC331999**

### CLEC16A (NM\_001243403) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC16A (NM_001243403) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC16A
Synonyms:	Gop-1; KIAA0350
Vector:	pCMV6-Entry (PS100001)



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**Fully Sequenced ORF:** >SC331999 representing NM\_001243403.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTTTGGCCGCTCGCGGAGCTGGGTGGGCGGGGGCCATGGCAAGACTTCCCAGCAACATCCACTCCTTG
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CTAGTGGAGACCATCCGTTCCATCACTGAGACTCTGATCTGGGGAGATCAAAATGACAGCTCTGTATT
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TCCAATCAGCACCTGCCTTCCGCTTCTACGACCAGGGCGCCGGGGCAGCAGCGACCCACAGTGCAG
CGCTCCGTGTTTGCATCGGTGGACAAGGTGCCAGGTGAGCCAGCCCCCGCCCTGCGCCACAGCTCGTT
CATCATGGTGGCGTTCAAGGTCTTCTCTCTGTGGAGCCTGTGTGAGCTGCCCTTCTCTCAGAAG
CCCCGTGGCTGGCAGCACCAGCTTCTAG
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001243403  
**Insert Size:** 2721 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_001243403.1</a>
<b>RefSeq Size:</b>	3035 bp
<b>RefSeq ORF:</b>	2721 bp
<b>Locus ID:</b>	23274
<b>UniProt ID:</b>	<a href="#">Q2KHT3</a>
<b>Cytogenetics:</b>	16p13.13
<b>MW:</b>	103.5 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of the C-type lectin domain containing family. Single nucleotide polymorphisms in introns of this gene have been associated with diabetes mellitus, multiple sclerosis and rheumatoid arthritis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon, uses an alternate in-frame splice site and differs in the 3' coding region and UTR compared to variant 1. The resulting protein (isoform 2) is shorter and has a distinct C-terminus compared to isoform 1.</p>