

## Product datasheet for **SC316186**

### Allergin 1 (MILR1) (NM\_001085423) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Allergin 1 (MILR1) (NM_001085423) Human Untagged Clone
Tag:	Tag Free
Symbol:	Allergin 1
Synonyms:	Allergin-1; C17orf60; MCA-32; MCA32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM\_001085423 edited  
ATGTGGAGCCATTTGAACAGGCTCCTCTTCTGGAGCATATTTTCTCTGTCACCTGTGAGA  
AAAGCTGTATTGGATTGTGAGGCAATGAAAACAAATGAATTCCTTCTCCATGTTTGGAC  
TCAAAGACTAAGGTGGTTATGAAGGGTCAAATGTATCTATGTTTTGTTCCCATAGAAC  
AAATCACTGCAGATCACCTATTCTGTTTCGACGTAAGACACACCTGGGAACCCAGGAT  
GGAAAAGTGAACTGCGATTTTTAACCTAAGCATCACAGAAGCCCATGAATCAGGCCCC  
TACAAATGCAAAGCCCAAGTTACCAGCTGTTCAAATACAGTCGTGACTTCAGCTTCAG  
ATTGTCGACCCGGTGACTTCCCCAGTGCTGAACATTATGGTCATTCAAACAGAAACAGAC  
CGACATAAACATTACATTGCCTCTCAGTCAATGGCTCGCTGCCATCAATTACACTTTC  
TTTGAAAACCATGTTGCCATATCACCAGCTATTTCCAAGTATGACAGGGAGCCTGCTGAA  
TTTAACTTAACCAAGAAGAAATCCTGGAGAAGAGGAAGAGTATAGGTGTGAAGCTAAAAAC  
AGATTGCCTAACTATGCAACATACAGTCACCCTGTCACCATGCCCTCAACAGGCGGAGAC  
AGCTGTCTTTTCTGTCTGAAGCTACTACTTCCAGGGTTATTACTGTTGCTGGTGGTGATA  
ATCCTAATTCTGGCTTTTTGGGTACTGCCCAAATACAAAACAAGAAAAGCTATGAGAAAT  
AATGTGCCAGGGACCGTGGAGACACAGCCATGGAAGTTGGAATCTATGCAAATATCCTT  
GAAAAACAAGCAAAGGAGGAATCTGTGCCAGAAGTGGATCCAGGCCGTGTTTCCACA  
GCCCAAGATGAGGCCAAACACTCCCAGGAGCTACAGTATGCCACCCCGTGTCCAGGAG  
GTGGCACCAAGAGAGCAAGAAGCCTGTGATTCTTATAAATCTGGATATGTCTATTCTGAA  
CTCAACTTCTGA

Restriction Sites:	Please inquire
ACCN:	NM_001085423
Insert Size:	1000 bp



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<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_001085423.1</a></u> , <u><a href="#">NP_001078892.1</a></u>
<b>RefSeq Size:</b>	1488 bp
<b>RefSeq ORF:</b>	1032 bp
<b>Locus ID:</b>	284021
<b>UniProt ID:</b>	<u><a href="#">Q7Z6M3</a></u>
<b>Cytogenetics:</b>	17q23.3
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>Immunoglobulin-like receptor which plays an inhibitory role in degranulation of mast cells. Negatively regulates IgE-mediated mast cell activation and suppresses the type I immediate hypersensitivity reaction (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (L) represents the longest transcript and encodes the longest isoform (Allergin-1L, also known as long form).</p>