

Product datasheet for **SC334856**

Allergin 1 (MILR1) (NM_001291317) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Allergin 1 (MILR1) (NM_001291317) Human Untagged Clone
Tag:	Tag Free
Symbol:	MILR1
Synonyms:	Allergin-1; C17orf60; MCA-32; MCA32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001291317, the custom clone sequence may differ by one or more nucleotides

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ATGTGGAGCCATTTGAACAGGCTCCTCTTCTGGAGCATATTTTCTTCTGTCACTTGTAGAAAAGCTGTAT
TGGATTGTGAGGCAATGAAAACAAATGACCCGGTGACTCCCCAGTGCTGAACATTATGGTCATTCAAAC
AGAAACAGACCGACATATAACATTACATTGCCTCTCAGTCAATGGCTCGCTGCCATCAATTACACTTTC
TTTAAAACCATGTTGCCATATCACCAGCTATTTCCAAGTATGACAGGGAGCCTGCTGAATTTAACTTAA
CCAAGAAGAATCCTGGAGAAGAGGAAGAGTATAGGTGTGAAGCTAAAAACAGATTGCCTAACTATGCAAC
ATACAGTCACCCTGTACCATGCCCTCAACAGGGGAGACAGCTGCCTTCTGTCTGAAGCTACTACTT
CCAGGGTTATTACTGTTGCTGGTGGTGATAATCCTAATTCTGGCTTTTTGGGTAAGTCCCAAATACAAA
CAAGAAAAGCTATGAGAAATAATGTGCCAGGGACCGTGGAGACACAGCCATGGAAGTTGGAATCTATGC
AAATATCCTTGAAAAACAAGCAAAGGAGGAATCTGTGCCAGAAGTGGGATCCAGGCCGTGTGTTCCACA
GCCAAGATGAGGCCAAACACTCCAGGAGCTACAGTATGCCACCCCGTGTCCAGGAGGTGGCACCAA
GAGAGCAAGAAGCCTGTGATTCTTATAAATCTGGATATGTCTATTCTGAAGTCAACTTCTGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001291317
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).



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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:	<ol style="list-style-type: none">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:	<u>NM_001291317.1, NP_001278246.1</u>
RefSeq Size:	1191 bp
RefSeq ORF:	762 bp
Locus ID:	284021
UniProt ID:	<u>Q7Z6M3</u>
Cytogenetics:	17q23.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<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 (S2) lacks an alternate in-frame exon in the 5' coding region, compared to variant L, resulting in an isoform (Allergin-1S2, also known as short form 2) that is shorter than isoform Allergin-1L. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>