

Product datasheet for **SC310585**

ARMH3 (NM_024541) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMH3 (NM_024541) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMH3
Synonyms:	C10orf76
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_024541 edited
 ATGGCACAGGTAGAGAAACGTGGAGTTTGTCTCCGAAATCTTCAGCCTCCAAAAACCA
 CTGAAGGAAAAAGTGGTCTGATGTATGATGAGATCTTCATGACAGAGGACCCAGTAAG
 TGCAGTCTCGGTTTTGGGAGGAGCTCTTCTCATGAAGGTGAATTTAGAGTACCTAGAA
 GGCAAGCTGGAATCTCTTGATGGTGAGGAGTTAATGAAGATCAAGGACAATATTAATTGC
 TTATTCCAACACTGCATCCAGGCTCTGGGAGAGGAGCATCCAATTCGGTTGTCAATGCA
 TTGCAGACCCTGTGCGCACTCATTGAGGAGTCCATCAAAAGAATAAGTCTACCTCTGGG
 TTTGACATTATCAACATGCTGATGGGCTTTGACAAGGCGGAGCTGTGCATGAAGAACTTG
 ATGGAGAGTTTGGATTCTTGTCTTTGTGCAGAAGTTCTGAAAGTCTGAAGAGTTTATGT
 CTGAAACTTCTCCTTTGCTTAGTGACCGTGACAGATAACATCAGCCAGAACACTATTCTC
 GAGTATGTAATGATCAACAGCATATTTGAAGCAATTTTACAGATACTTTCCCATCCCCCA
 AGTCGTAGGGAGCATGGGTATGATGCTGCTGCTCTTGGCTTTGCTGGTGAAGTATAGA
 AAATATGAGTCTGTGAATCCTTATATTGTGAAGCTGTCTATCGTGGATGATGAGGCCACA
 CTCAATGGAATGGGACTTGTAAATTGCTCAGGCTTTATCTGAGTACAACAGGCAGTATAAA
 GACAAGGAAGAAGAACACCAAAGTGGTTTTTCTCTGCTTTAACAAATATGGTGGGCAGC
 ATGTTTCATAGCAGATGCCATGAGAAAATCTCAGTACAAACCAATGAGGCCATTCTCTG
 GCACTTTATGAAGCTGTTCAATTTAAATCGCAACTTCATCACAGTATTAGCTCAGAGCCAT
 CCAGAAATGGGCTTGGTGACGACCCCTGTGAGTCTGCTCTACAACCCAGTCACACCA
 CTTGGGACCACACCGCCTTCTCTGATGTTATAAGTTCTGTGGAAGTCCCACTGGATGCA
 GATGTACAGACAGTAATCTACTGATAACCTTTTTAAAGTATAGCTCAATTGTCATGCGAG
 GACACCAAAGATGAACACAGGCTTCACAGTGGCAAAGTCTGTCTGATTATCCTTACATGT
 ATTGACAGAGGATCAATATGCCAATGCATTTTGCATGATGACAACATGAATTTTCGAGTA
 AACTTACATAGAATGCCTATGAGACACAGGAAGAAGGCAGCAGACAAGAATCTTCCCTGC
 CGTCCTTTAGTATGTGCAGTACTGGACCTGATGGTAGAGTTTATTGTAACACACATGATG
 AAGGAGTTTCTATGGATCTCTATATACGCTGCATCCAGGTAGTACACAAAGTCTCTGC
 TACCAGAAGAAGTGTGGGTACGCCTGCATTACACCTGGCGGGAGCTCTGGTCAGCCTTG
 ATAAATTTGCTGAAGTTCCTTATGTCAAATGAGACTGTACTTTTGGCCAAACACAACATT
 TTTACATTAGCCCTTATGATTGTGAACCTATTTAATATGTTTATCACATATGGCGACACA
 TTTCTGCCAACCCCGCAGCAGCTATGATGAAGTCTTACTATGAGATTATCCGCATGCACCAG
 AGCTTTGACAACCTCTACTCCATGGTCTGAGGCTTTCTACCAATGCAGGCCAGTGAAG
 GAAGCAGCTAGCAAGGTGACCCATGCATTGGTTAATATCAGAGCCATCATCAACCACTTT
 AACCCCAAAATTGAGTCTACGCTGCTGTGAATCACATATCCCAACTGTCAGAGGAGCAG
 GTGCTGGAGGTGGTGAGAGCCAACTATGACACGCTCACGCTGAAGCTGCAGGATGGCCTG
 GACCAGTATGAGCGCTACTCAGAGCAGCACAAGGAAGTGCCTTCTTCAAAGAGCTGGTT
 CGATCCATTAGCACCAACGTCCGGAGAAACCTGGCCTTCCACACACTCAGCCAAGAAGTC
 CTGCTCAAGGAGTTCTCCACTATCTCCTGA

Restriction Sites: Please inquire

ACCN: NM_024541

Insert Size: 4100 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone has been fully sequenced and found to be a perfect match to the protein associated with this reference, NM_024541.2.
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:	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:	NM_024541.1 , NP_078817.1
RefSeq Size:	2730 bp
RefSeq ORF:	798 bp
Locus ID:	79591
UniProt ID:	Q5T2E6
Cytogenetics:	10q24.32
Gene Summary:	Involved in GBF1 recruitment, Golgi maintenance and protein secretion.[UniProtKB/Swiss-Prot Function]