

Product datasheet for **RG239047**

ARMC8 (NM_001282342) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC8 (NM_001282342) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ARMC8
Synonyms:	GID5; HSPC056; S863-2; VID28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239047 representing NM_001282342.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAAAAATGCTGTAATTGGAACAACAAGCAGAAAGCCAATCTCATTGTTTTAGGAGCTGTTCCAAGA
TTGTTGTACTTGGTTTACGCAAGAAACCTCAAGCACAGAGCTGAAAAGTGAATGTGCAGTGGTGTGGGA
AGTCTTGTCTATGGGTACTGAAAACAATGTCAAGTCTCTACTGGACTGCCATATTATCCCTGCCTTATTG
CAAGGACTACTGTCCCCAGACCTGAAGTTTATTGAAGCTTGCCTCCGATGCCTGCGTACCATCTTCACC
AGTCTGTCACTCCAGAGGAGCTACTGTATACAGGGCCAGATCATCAAACAATTTTATTTAACACGGT
GCAGTTCAGAATATTGCTCACCTACTAACCTCACTGTCTACAAAGTTTGAATGCAAGCACTGAAATGT
TTCTCAGTTTTAGCTTTTAAAACCCCCAGGTATCGATGACCCTGGTAAATGTTTTGTTGATGGAGAA
TTGTTACCACAGATTTTTGTGAAGATGTTACAGAGGGTAAGCCTATTGAGATGCAGCTCACATCAGCA
AAATGTTAACTTACATGTGTAGAGCTGGAGCAATTCGGACAGATGATAACTGTATTGTATTAAGACA
TTACCTTGTGGTTTGAATGTGCAGTAAGGAGAGATTACTAGAGGAGAGAGTTGAAGGAGCTGAGACA
CTTGCCTATCTGATTGAACCAGATGTTGAGCTACAGAGAATCGCTAGCATAACTGATCACCTCATTGCC
ATGCTTGCTGATTATTTCAAGTATCCCAGCTCAGTGAGTGCCATCACTGATATTTAAAGGCTTGATCAT
GATTTAAACATGCTCACGAACTCCGCCAGGCTGCATTCAAGCTCTATGCCTCTCTTGGAGCAAATGAT
GAAGACATCCGGAAGAAGATCATTGAGACTGAAAATATGATGGACCGAATTTGACTGGCTTGTCTGAG
TCTAGTGTCAAGTGCGGTTAGCTGCCGTGAGTGTGGCACAGTTTATCCAGATCTGTGCAGCAGCTT
CGAACCAGTTCCAGGATCATGCTGTTTGGAAACCTTTAATGAAGTTTTACAAAATGCACCAGATGAA
ATCCTAGTGGTAGCATCTCCATGCTGTGTAATCTTCTTGAATTTTCCAAGCAAAGGCAAT
TTGGAATCAGGAGCCGTAGAGCTACTTTGTGGATTAACCTCAGAGTGAAGTCTGCTTTACGAGTGAAT
GGAATTTGGGCTTTAATGAATATGGCATTTCAGGCTGAACAAAAATAAAAGCAGATATTTTACGAAGC
TTGAGTACTGAACAGCTATTCGGTTATTATCAGATTCAGATTTGAATGTGCTGATGAAGACATTGGGA
CTTCTTAGAAATCTCCTCTCCACTCGTCTCATATAGATAAAAATAATGAGTACTCATGAAAAGCAAATT
ATGCAAGCCGTCCTTATTCTAGAAGGGGAACATAACATTGAGGTCAAAGAGCAGACTGTGCATC
TTAGCCAAACATAGCGGATGGGACAACAGCAAAGATCTTATTATGACCAATGATGATATCTACAGAAA
ATCAAGTATTACATGGGCCATTACATGTTAACTGCAGCTTGCAGCCATGTTTTGTATATCAAACCTC
ATATGGAATGAAGAGGAAGTTTACAAGAACCAGGATAAATTACGAGACATGGGCATCGTAGATATT
CTACACAACTGAGTCAGTCACCAGATTCAAACCTTTGTGACAAGCAAAGATGGCACTGCAGCAGTAC
CTGGCA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence:

>Peptide sequence encoded by RG239047
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MKNAVIGNNKQKANLIVLGAVPRLLYLLQQETSSTELKTECAVVLGSLAMGTENNVSLLDCHIIPALL
QGLLSPDLKFIEACLRLRIFTSPVTPPELLYTPDHTILFNHGAVQNIHLLTSLSYKVRMQALKC
FSVLAFENPQVSMTLVNVLDGELLPQIFVKMLQRDKPIEMQLTSKCLTYMCRAGAIRDDNCIVLKT
LPCLVRMCKERLLEERVEGAETLAYLIEPDVELQRIASITDHLIAMLADYFKYPSSVSAITDIKRLDH
DLKHAHELQAFLYASLGANDEDIRKKIETENMMDRIVTGLSESSVKVRLAAVRCLHSLSRVQQL
RTSFQDHAVWKPLMKVLQNPDEILVVASSMLCNLLLEFSPSKEPIESGAVELLCGLTQSENPALRVN
GIWALMNAFQAEQKIKADILRSLSTEQLFRLLSDSLNVLMLKTLGLLRNLLSTRPHIDKIMSTHGKQI
MQAVTILEGEHNIEVKEQTLCILANIADGTTAKDLIMTNDILQKIKIYMGHSHVKLQLAAMFCISNL
IWNEEEGSQERQDKLRDMGIVDILHKLQSPDNLCDKAKMALQQYLA
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
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Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001282342

ORF Size: 1800 bp

OTI Disclaimer: 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 was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

RefSeq: [NM_001282342.2](#)

RefSeq Size: 4669 bp

RefSeq ORF: 1803 bp

Locus ID: 25852

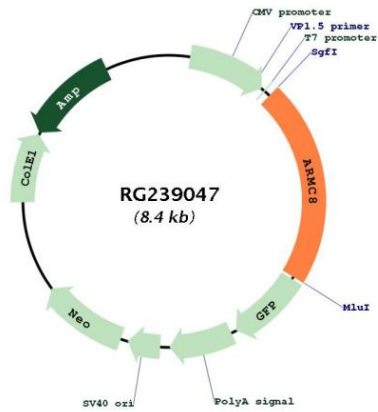
UniProt ID: [Q8IUR7](#)

Cytogenetics: 3q22.3

MW: 67.6 kDa

Gene Summary: Component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG239047