

Product datasheet for SC322629

BLAP75 (RMI1) (NM_024945) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BLAP75 (RMI1) (NM_024945) Human Untagged Clone
Tag:	Tag Free
Symbol:	BLAP75
Synonyms:	BLAP75; C9orf76; FAAP75
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322629
CGGGCGGGAAGAGGTAAAAAGGAAGTGGGAGCGAGCCGGCGGTTCTGTCTTACAG
TTGCGCTGCCAGGGACCGATGTTGCGCGAGGAAAATGCCGGACTCCCAGGGCCATTCT
GAGCAGTGGAGGTTTCAAGTAATCCACTAACAACAGTCCAAAATTCTGTCATCAAATCC
TGTGCTGCTGTTCTCGTGGTAATAGATGCATATTATTTCTTTTATTTAAAGAAATGAA
TGTGACTAGTATTGCATTAAGAGCTGAACTTGGCTTTAGTGCATGGCATGTTAAAGT
ACCTCCGATGTGGCTGGAAGCTTGTATTAAGTGGATTCAAGAAGAAAATAATAATGTTAA
CTTGAGTCAGGCCAAAATGAATAACAAGTGTGAGCAGTGGCTCCTTACTGATCTGAG
GGATTTGGAGCATCCTCTTTACCCGATGGCATTGAGAAATCCAAAAGGAGAATTA
TGGATTTATGCTCTGCAGATTAATTCCTTGGTTGATGTAAGTCAGCCTGCATACTCCCA
GATACAGAAGTTGAGAGGAAAGAATACAACAAATGATCTAGTTACAGCTGAAGCACAAGT
AACCCCAAAACCTTGGGAAGCAAAGCCTTACGAATGTTGATGCTGCAGCTAACTGATGG
AATCGTACAAATACAGGGAATGGAATATCAGCCTATTCCAATTCTTCATAGTGATCTTCC
TCCAGGTACAAAAATTTGATTTATGGAATATATCTTTCCGTCTTGGTGTCTCTTATT
GAAACCAGAAAACGTGAAAGTGTAGGAGGTGAAGTAGATGCTCTTTAGAAAGATATGC
CCAAGAAAAAGTACTTGCAAGATTAATAGGGGAACCTGATCTTGTAGTTTCAGTCATACC
AAACAATTCTAACGAAAACATCCCAGAGTTACAGATGTTCTAGATCCTGCATTAGGTCC
TTCTGATGAAGAACTCTTGGCAAGTCTTGTGAAAATGATGAGCTTACAGCAAATAATGA
CACTTCCCTCAGAAGCATGTTCCACCACAGTAGTTCCTCAAATACCATTCCACAAGACA
GTCAAGTTTTGAGCCAGAAATTTGTTATTTCTCCAAGACCAAAAGAGGAACCATCAAACCT
ATCTATACATGTAATGGATGGAGAATTAGATGACTTTTCACTGGAGGAGGCCCTTGCTTTT
AGAAGAACTGTCCAGAAAGAACAGATGGAAGTAAAGGAATTGCAACCATTGACTTTTAA
CAGAAATGCCGATCGAAGTATAGAGAGATTTTACATAATCCTAATACTACGAATAACTT
TTCTTTGACTTGCAAAAATGGAACAATAATTGGAGTGAAAAAAATGTATCTGAACAAA
TGACTAATGAAGACAAATCATTTGGTTGCCATCTGTTAGAGACCAAAACAGGAGTATTT
TTTCAGTTCATTGTAATGTACCCTTAGCCCATGATTTTACAAATAAAGAAAAGAACTTAG
AGACAGATAATAAAATAAAACAAACCAGCAGTTCAGATAGCCATTCTTAAATAAAAA



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TATTTAATAGAGAGGTGGTCAACTATGTACAGAAAAGGAATTCACAAATTTCTAATGAAA
 ATGATTGTAATTTACAGAGTTGTTCTTTAAGATCATCAGAGAATAGCATTAACTTTTCTA
 TTGCCATGGATTGTATTCTCCACCCTTTGTCTATTTGTCTGTTCTAATGGCCAGCAAAC
 CAAAGGAAGTTACAACAGTAAAAGTAAAAGCATTATTGTAACCTTAAGTGGAAATCTCT
 CAAGTTCTGGTGGTATTTGGAGTATAACTGCAAAGGTGTCTGATGGTACTGCATATCTAG
 ATGTAGACTTTGTGGATGAAATACTTACTAGCTTGATAGGGTTCTCAGTACCAGAAATGA
 AACAGTCAAAAAAGGATCCTCTTCAATACCAAAAAGTTCCCTGGAAGGGTTGCAGAAATGC
 AAAGAGATCTAATAGATTTGTGCTGTCTAATGACTATTTCAATTAATCCTTCCTGTCTA
 AAGCAATGGTACTGGCATTACAAGATGTTAATATGGAACACCTTGAGAATCTAAAGAAGC
 GGTAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATA
 TTTAGAATTTGTTCAACAATTTACTTTATGATACTTTGTGTAAGGAAAGGAAATGAAATTT
 CATAGCTATTTTCAGTTAATTTTAAAGTGTAAATCATGTTTGTATATGTGGAGCTTT
 TGAATAAAGTTAATCTTTTTTTTTTTTTTAAATGTCAGGGTATTGCTCTGTTGCCAGGC
 TAGAGTGCAGTGGCATGATCATAGTTATTGCATCAACCTTTGAGCTCAAGCGATCCTC
 CTGCTTAGCCTTTGAGTTGCTGGGACTATAGGCATGTACCACCATGCCAGCTAATTT
 ATAATTACTATTATTGTTTTGTAGGGACAGAGTTTTGCTATGTTGCCAGATTGGTCTCA
 AACTCCTGGCCTCTCACTCCTGCCGTGATGGCCTCCAAAGTTAATTTTTTAAAGTAA
 CTGTTAGATGGAGGAATATGGTGACCCACTATTGTTGAGAAATTTGTTTTCCACTGTCA
 CGTCACATAAGATGATTGCTAAAATATTGTACTGGTGTCCGGTGGTGGTGGTGGTGGTGG
 AAAGTTAATAATTATAAATAGGTAATTTCTTCTAATATGTTGGTACTGTCTATGGCCAT
 ACCACCTGAACATGCCTGAGCTGTGATAAATGTTGAGTACCCAAAAGATTTGTTTAT
 ATGTTAATCTTAGGGAAAAAATTAATCCAGTAGATCAGAACATCAGGCTTTTCTGATA
 TACAAATTGATTTACTGGTTTTTATTTGCTGATTATAAATTTGTTATTTAAGGTAA
 TCTAGTTAACTAGATGCTATTTTCAATAGATTATATTGAATGATTTAAACTTTATTTTCAA
 GGATAGTTTATTTTAAATGGCATATTGAAAACATCATTATTAAGATCCAGTAGGTAGGAC
 ATTTATTGGATTAATAAAGCATTATCTATGTCTTTAGGTGTCATTGTTCCCTTTCTG
 AATTAGCTGTACATATAAGCCTTCTTTGGTTTTAAGTACTGATTTTTTTTTAAAAAAA
 GAGGGACTGTTTACCATTCTTCCACTGTGCTGTATAAAGTTGATTTGAAAGGTAATGT
 TGTTTTTATTAATCTTTGTCTTAAAATAATTTAAAGTCTTTGAATTTAAACATTAA
 ACAAATCCTTAAATAACAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_024945

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 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.

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_024945.1</u> , <u>NP_079221.1</u>
RefSeq Size:	3413 bp
RefSeq ORF:	1878 bp
Locus ID:	80010
UniProt ID:	<u>Q9H9A7</u>
Cytogenetics:	9q21.32
Gene Summary:	RMI1 is a component of protein complexes that limit DNA crossover formation via the dissolution of double Holliday junctions (Raynard et al., 2006 [PubMed 16595695]).[supplied by OMIM, Mar 2008]