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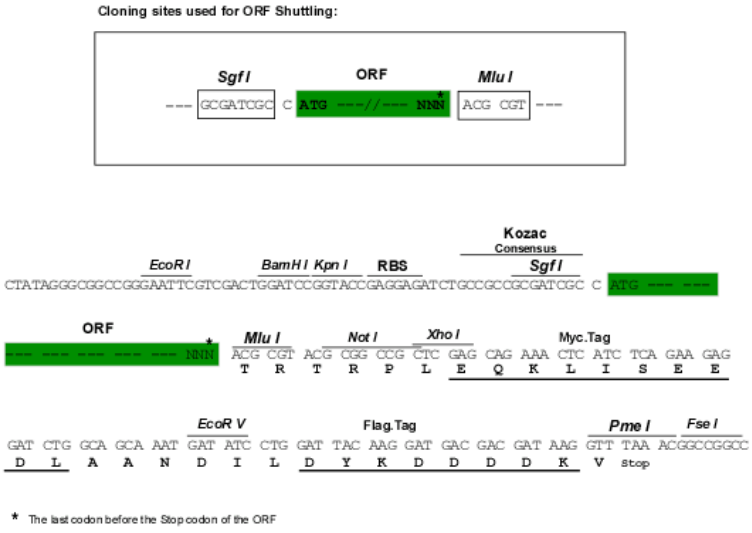
Product datasheet for RC208030

BLAP75 (RMI1) (NM_024945) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BLAP75 (RMI1) (NM_024945) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BLAP75
Synonyms:	BLAP75; C9orf76; FAAP75
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

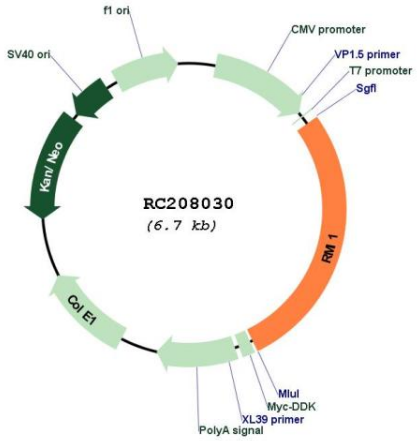


ACCN:	NM_024945
ORF Size:	1875 bp

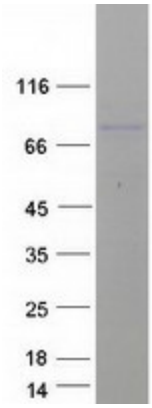
View online »

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 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_024945.3
RefSeq Size:	3508 bp
RefSeq ORF:	1878 bp
Locus ID:	80010
UniProt ID:	Q9H9A7
Cytogenetics:	9q21.32
MW:	70.6 kDa
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]

Product images:



Circular map for RC208030



Coomassie blue staining of purified RMI1 protein (Cat# [TP308030]). The protein was produced from HEK293T cells transfected with RMI1 cDNA clone (Cat# RC208030) using MegaTran 2.0 (Cat# [TT210002]).