

Product datasheet for **RC202860L2V**

BAG3 (NM_004281) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	BAG3 (NM_004281) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BAG3
Synonyms:	BAG-3; BIS; CAIR-1; MFM6
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004281
ORF Size:	1725 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202860).
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.
RefSeq:	NM_004281.3
RefSeq Size:	2608 bp
RefSeq ORF:	1728 bp
Locus ID:	9531
UniProt ID:	O95817
Cytogenetics:	10q26.11
Domains:	WW, BAG
Protein Families:	Druggable Genome



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MW: 61.4 kDa

Gene Summary: BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The protein encoded by this gene contains a WW domain in the N-terminal region and a BAG domain in the C-terminal region. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner. [provided by RefSeq, Jul 2008]