

## Product datasheet for MC206280

### Bag5 (BC037642) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Bag5 (BC037642) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bag5
Synonyms:	1600025G07Rik; 4930405J06Rik; Bag-5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC037642

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>BC037642
CCACGCGTCCGGGTTGGCGTTACGGCGCGGTGCGAAAGCCCGAGCCGACGCGCGGCGAGGCCGACCGTGC
GCATTCCTGGGACGGACGCCGGCGGGCGGGCCCGCGCGGGACGAGGAGAGACAAGTTTCCCGGGC
TACTGCTGACGGGCCCGCTCTGCGAGGACGGCGACAACGCTGCGGAAGTGTAGGTGGCGGGCGCGATG
GCGCGTGCGGCCAGTGCTTGTGAACTGAACACAGAAGTATGGATATGGAAACCAACCCCTCCATT
AGTAGGCTTCAGGAGATCCAGCGGGAAGTAAAGGCTATAGAGCCGCAAGTGGTTCGCTTCAGCGGCTGT
CGGATGACAAGAATAACAAGAGGCTGGAGAGGATTCTGACCAAACAATTTTTGAAATTGACTCTGTGGA
TACGGAAGGAAAAGGAGATATCCAGCAAGCTAGGAAGCGGGCGGCACAGGAGACAGAACGCTCCTCAAG
GAGTTGGAGCAGAATGCCAACCCACACCCGCATCGAAATCCAGAATATCTTTAAGGAGGCTCAGGCC
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CATAGTCAATCTCAGTATTTATGATTTAATCAAATATATTCAGTATTTCTGCTGCTTTTGTGTTGCAA
ACGAATATCATTATAGCACATTACCTTTTCAAAAAAAAAAAAAAAAAAAAAA

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<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	BC037642
<b>Insert Size:</b>	1344 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC037642</a></u> , <u><a href="#">AAH37642</a></u>
<b>RefSeq Size:</b>	1800 bp
<b>RefSeq ORF:</b>	1344 bp
<b>Locus ID:</b>	70369
<b>Cytogenetics:</b>	12 F1
<b>Gene Summary:</b>	May function as a nucleotide exchange factor for HSP/HSP70, promoting ADP release, and activating Hsp70-mediated refolding. Inhibits both auto-ubiquitination of PRKN and ubiquitination of target proteins by PRKN (By similarity).[UniProtKB/Swiss-Prot Function]