

Product datasheet for **MR207130**

Bag5 (NM_027404) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bag5 (NM_027404) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bag5
Synonyms:	1600025G07Rik; 4930405J06Rik; Bag-5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207130 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATATGGAAACCAACACCCTCCATTAGTAGGCTTCAGGAGATCCAGCGGGAAGTAAAGGCTATAG
 AGCCGCAAGTGGTCGGCTTCAGCGGCCTGTCGGATGACAAGAAGTACAAGAGGCTGGAGAGGATTCTGAC
 CAAACAACTTTTTAAATTGACTCTGTGGATACGGAAGGAAAAGGAGATATCCAGCAAGCTAGGAAGCGG
 GCGGCACAGGAGACAGAACGTCTCCTCAAGGAGTTGGAGCAGAATGCCAACACCCACACCGCATCGAAA
 TCCAGAAATCTTTAAGGAGGCTCAGGCCCTTGTGAAAGACAAGATTGTGCCCTTTACAGCGGAGGCAA
 CTGTGTGACTGACGAGTTTGAGGAAGGCATCCAGGACATCATTCTGAGGCTGACGCACGTGAAGACCGGA
 GGAAGGTCTCCTTGGGAAAGCCAGGTACCGCACGCTACCAAGATCTGCGCGGTACAGGAGGTTATTG
 AGGACTGTATGAAGAAGCAGCCCTCCTGCCACTGTCTGAGGATGTGCATCCTTCAGTGGCCAAAATCAA
 CTCTGTATGTGCGAGGTGAACAAGGCCAGAGGACGCTGATCGCACTTCTGATGGCGTGGACAGTTCC
 GAGACTTCAGGCACTTATCCTGCGTGCTGTCAGGACTGATTGCTGACTTAGATGCTCTAGATGTGTGTG
 GGCGTACAGAGATCAGAAATTATCGGAGGGAGGTGGTGAAGATATCAACAAATTAAGTAAATACCTAGA
 CTTAGAAGAGGAAGCTGACAGTACACATGCATTTGACCTGGGACAGAACCATTCCATTATAAAAAATAGAA
 AATGTTCTCAAGAGGATGAGAGAGATAAAAAATGAACTTCTCCAGGCGCAGAGCCCTCCTGAGTTGTACC
 TGAGGGCCAAGACAGAGCTGCAGGGCTTATCGGACAGCTGGATGAAGTGAGTCTGGAGAAAAACCCCTG
 CATCCGGGAGGCCAGGAGGAGGGCGGTGATTGAGGTGCAGATCCTGATCACGTACCTGGACCTGAAGGAA
 GCCCTCGAGAAGGAAGCTGTTCCATGTGAGGAGCACCCCCACACAAGGCCGTGTGGAGATCCTTG
 GGAACCTGTCTGAGATCCTGGGCAAGTCTTTTCAATTTGGTGAACCGAACTGATAAGAAGTACATCCG
 TCTGGAGGAGCTACTGACCAACAGTTGCTGGCTCTGGATGCCGTTGACCCACAGGGAGAAGAGAAGTGT
 AAGGCTGCCAGGAAACAGGCTGTGAAACTGGCCAGAACATCCTCAGCTACCTGGACATGAAGTCCGACG
 AGTGGGAGTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207130 protein sequence
 Red=Cloning site Green=Tags(s)

MDMGNQHPSISRLQEIQREVKAIEPQVVGFSGLSDDKNYKRLERILTKQLFEIDSVDTEGKGDIIQARKR
 AAQETERLLKELEQANANHPHRIEQNIFKEAQLVKDKIVPFYSGGNCVTDEFEEGIQDIILRLTHVKTG
 GKVSLRKARYRTLTKICAVQEVIEDCMKKQPSLPLSEVHPSVAKINSVMCEVKNKARGTLIALLMGVDS
 ETCRHLSCVLSGLIADLDALDVCGRTEIRNYRREVVEDINKLLKYLDLEEEADSTHAFDLGQNHSIKIE
 NVLKRMRKIKNELLQAQSPPELYLRAKTELQGLIGQLDEVSLKNPCIREARRRAVIEVQILITYLDLKE
 ALEKRKLPCEEHPPHKAVWEILGNLSEILGEVLSFGGNRTDKNYIRLEELLTKQLLALDAVDPQGEK
 KAARKQAVKLAQNILSYLDMKSDEWEY

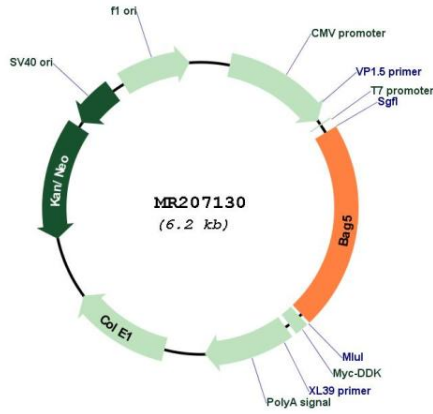
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cytogenetics: 12 F1
MW: 50.9 kDa
Gene Summary: 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]

Product images:



Circular map for MR207130