

Product datasheet for **RR204420**

Itm2b (NM_001006963) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Itm2b (NM_001006963) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Itm2b
Synonyms: Bri; imBRI2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR204420 representing NM_001006963
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTGAAGGTGACGTTCAACTCGGCGCTGGCCAAAAGGAGGCCAAGAAGGACGAGCCCAAGAGCAGCG
AGGAGGCGCTCATCGCCCTCCGGATGCCGTGGCGGTGGATTGCAAGACCCGGATGACGTGGTCCCAGT
TGGCCAGAGGAGAGCGTGGTGGTGCATGTGCTTTGGACTGGCCTTCATGCTCGCTGGCGTCATCCTG
GGAGGAGCATACCTCTACAAGTATTTGCACTTCAGCCAGATGATGTGTACTACTGTGGACTAAAGTACA
TCAAAGATGACGTCATCTTGAGTGAGCCTTCTGCAGATGCCCCAGCTGCTCGATACCAGACAATTGAAGA
GAATATTAAGATCTTTGAGGAAGACGCAGTTGAATTCATCAGTGTGCCTGTACCAGAGTTTGGGACAGC
GATCCTGCCAACATTGTGCATGACTTTAACAAGAACTCACTGCTTATTTGGACCTTAATCTGGACAAGT
GCTACGTGATTCCTCTGAACACCTCCATTGTTATGCCACCCAGAACTGTTGGAGCTTCTTATTAACAT
CAAGGCCGGGACCTACTTGCCCTCAGTCATACCTCATCCATGAGCACATGGTGATCACCGACCGCATCGAA
AACGTGGACCACCTGGGCTTCTCATTTACCGACTGTGTCACGACAAGGAAACCTACAACTGCAGCGCA
GGGAAACCATAGAGGTATTCAGAAGCGTGAAGCCAGTAACTGTTTCACCATTCCGCATTTTGAGAACAA
ATTTGCTGTGAAACTTTAATTTGTTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

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.
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:	NM_001006963.1 , NP_001006964.1
RefSeq Size:	1781 bp
RefSeq ORF:	801 bp
Locus ID:	290364
UniProt ID:	Q5XIE8
Cytogenetics:	15q11
MW:	30.3 kDa
Gene Summary:	mouse homolog is a cytoplasmic and mitochondrial protein that induces apoptosis in IL-2-stimulated cells [RGD, Feb 2006]