

Product datasheet for **RN204420**

Itm2b (NM_001006963) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Itm2b (NM_001006963) Rat Untagged Clone
Tag: Tag Free
Symbol: Itm2b
Synonyms: Bri; imBRI2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204420 representing NM_001006963
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTGAAGGTGACGTTCAACTCGGCGCTGGCCAAAAGGAGGCCAAGAAGGACGAGCCCAAGAGCAGCG
AGGAGGCGCTCATCGCCCTCCGGATGCCGTGGCGGTGGATTGCAAGACCCGGATGACGTGGTCCCAGT
TGGCCAGAGGAGAGCGTGGTGTGGTGCATGTGCTTTGGACTGGCCTTCATGCTCGCTGGCGTCATCCTG
GGAGGAGCATACCTCTACAAGTATTTGCACTTCAGCCAGATGATGTGTACTACTGTGGACTAAAGTACA
TCAAAGATGACGTCATCTTGAGTGAGCCTTCTGCAGATGCCCCAGCTGCTCGATACCAGACAATTGAAGA
GAATATTAAGATCTTTGAGGAAGACGCAGTTGAATTCATCAGTGTGCCTGTACCAGAGTTTGGGACAGC
GATCCTGCCAACATTGTGCATGACTTTAACAAGAACTCACTGCTTATTTGGACCTTAATCTGGACAAGT
GCTACGTGATTCCTCTGAACACCTCCATTGTTATGCCACCCAGAACTGTTGGAGCTTCTTATTAACAT
CAAGGCCGGGACCTACTTGCCCTCAGTCATACCTCATCCATGAGCACATGGTGATCACCGACCGCATCGAA
AACGTGGACCACCTGGGCTTCTCATTTACCGACTGTGTCACGACAAGGAAACCTACAACTGCAGCGCA
GGGAAACCATAGAGGTATTCAGAAGCGTGAAGCCAGTAACTGTTTACCATTCCGCATTTTGAGAACAA
ATTTGCTGTGAAACTTTAATTTGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001006963
Insert Size: 801 bp



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