

Product datasheet for **MC220443**

Hspa12b (NM_028306) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hspa12b (NM_028306) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hspa12b
Synonyms:	2700081N06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220443 representing NM_028306
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGACTGTCCCGAAATGGCCTGCAAGGGCTGTATATCAGCTCTAGCCAGAGAGGTCCCGGTGC
 CCAGCCCTCCCGCTCCCGAGGACCCAGGAAAGCTGTGGTATCGCTCCCTCACGCCTTACAGCTCC
 AAAGCCAGAGGCCGAGCTCTACAGCAGCTTCTTCTGTGGTTGTGGCCATCGACTTTGGAACCACA
 TCCAGTGGCTATGCCTTCAGCTTGTAGTGACCTGAGGCCATTCACATGATGAGGAAATGGGAGGAG
 GGGACCCAGGCGTGGCCACCAGAAGACCCCACTTGCCTGCTGCTGACCCAGAAGGCATCTTTCACAG
 TTTTGGCTACACTGCCCGTACTACTACCACGACCTAGACCTGAGGAGGCTCGGGACTGGCTCTACTTT
 GAGAAGTTAAGATGAAGATTCACAGTGCCACTGATCTCACCTTGAAGACCCAGCTCGAGGCGTAAATG
 GGAAGAAGATGCTGGCTCTGGAAGTGTTCGCCATGCCCTCCGTTTCTTCAAGGAGCACGCCCTCAGGA
 GCTGAGAGAGCAGAGCGAGTGTATGCTTGAGAAGGGTGTGTGCGCTGGGTGCTGACAGTACCTGCCATC
 TGGAAACAACCGCTAAACAGTTCATGAGAGAGGCCGCCTACCTGGCTGGCTTGGTGTCTCGAGAGGATG
 CAGAGAACTCCTCATTGCCCTGGAGCCTGAGGCTGCCTCTGTCTACTGTGCGAAACTTCGCTGCACCA
 GCTCATGGACCTGAGTAGCCGACTGCAGGCCGTGGGCGCTGGGTGAGCGGAGGTCTATCGACTCCAGC
 TTTTCGACATGCCCGGAGCAGCTGCGTAGGTCTCGCCACAGCCGAACCTTCTGGTGGAGGCCGGTGTGG
 GAGAGCTGTGGGAGAGATGCAAGAAGGAGACCCTACATGGTGGCCGACTGCGGGGGTGGCACTGTGGA
 CCTGACGGTACACCAGTTGGAGCAGCCTCACGGGACCTCAAGGAGCTCTACAAGCTTCTGGCGGTCCC
 TATGGAGCAGTAGGCGTGGACTTGGCCTTTGAGCAGTGTCTGCCGCATATTCGGGGAGGACTTCATTG
 CCAAATTCAAAAGGCAACGGCCAGCAGCTTGGGTGGATCAACCATTCGCTTCGAGCCGCAACGCAC
 GGCAGGCCGCACCGTGCGGGGCGCTCAACATTCGCTTCCTTTCTTTTATTGACTTCTACCGCAAG
 CAACGAGGGCACAAATGTGGAGACCGCCTGCGCAGGAGCAGTGTGAACCTCGTGAAGTGGTCTCACAGG
 GGATGCTCCGGATGCTCTGTGAGGCTATGAATGAGCTGTTTCAACCCACGGTCAGTGGGATCATCCAACA
 CATAGAGATGCTGCTGGCTAAGCCTGAGGTGCAGGGTGTGAAGTTGCTATTCTGGTGGGCGCTTTGCG
 GAGTGGCGGTGCTGCAGCACGGTGCAGGAAGCCCTGGGCACTCGTGGCTGCGCGTTGTGGTCCCGC
 ATGACGTGGCCCTACCATCCTCAAGGGAGCAGTGTCTTCGGCCAGGCACCCGGTGTGGTGCAGTGGC
 CCGCTCCCCCTCACTTATGGTGTGGCGTGTCAATCGTTTTGTGCTGGCCACCACCCAGAGAAA
 TTGCTGGTTTCGGATGGGCGCCGCTGGTGCACGGATGTCTTTGAGCGCTTCGTAGCAGCAGAGCAGTCCG
 TGGCCCTAGGAGAGGAGTAAGGCGCAGTACTGTCTGCGCGCCGGCCAGCGCGTGTGCTCATCAA
 TCTGTACTGTGCTGCGTGGGAGGATGCGCGCTTCACTACTGACCCTGGTGTGCGCAAGTGTGGTGCACCT
 AGCCTGGAGCTTGAAGGCTGCCCGGAAAACACAGGCACATCCCCAGCCGCGTGAGATCCGCTG
 CTGCCATGCAGTTTGGCGATACTGAGATTAAGGTCACTGCCGTGGATGTCAGCACCAATCGCTCTGTGCC
 GGCAGCCATCGACTTTCTTTCCA**ACTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_028306
- Insert Size:** 2058 bp
- 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:

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_028306.3](#), [NP_082582.1](#)

RefSeq Size: 2945 bp

RefSeq ORF: 2058 bp

Locus ID: 72630

UniProt ID: [Q9CZJ2](#)

Cytogenetics: 2 F1