

## Product datasheet for **MC216542**

### Hspa13 (NM\_030201) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hspa13 (NM_030201) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hspa13
Synonyms:	1600002I10Rik; AV006182; B230217N24Rik; Stch
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC216542 representing NM\_030201  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGGAGAGATGACGATCTTAGGTTACAGTGTTTTACTCTCCTCTTGGCGGGCTACTTGGCACAAC  
 AGTATTTACCATTGCCTACGCCAAAAGTGATTGGCATTGACCTGGTACCACCTACTGTTTCGGTTGGTGT  
 ATTTTTCCCGGGACAGGAAAAGTGAAGGTGATCCAGATGAAAACGGGCATATCAGCATCCCCAGCATG  
 GTGTCCTTACGGACGGTGATGTGTATGTGGGCTATGAGAGCCTAGAGCTGGCTGATTCAAATCCTCAAA  
 ACACAATCTATGATGCCAAACGGTTCATCGGGAAGATCTCACCCCGAGGAGCTGGAGGCTGAAGTTGG  
 CAGATACCCATTTAAGGTTTTACACAGAAATGGGATGGCTGAGTTTTCTGTGACAAGTAATGAAACCATC  
 ATCGTTTCTCCAGAGTTTGTGGCTCTCGATTGCTGCTGAAGCTAAAGGAGATGGCCGAGGAATACCTCG  
 GCATGCCGGTTGCCAATGCTGTCATTTCTGTGCCTGCAGAATTCGACCTACAACAGAGAAATCAACAAT  
 CCAAGCTGCCAACCTTGTGGGCTGAAGATCTTGAGGGTGATAAATGAGCCTACAGCAGCAGCGATGGCC  
 TATGGTCTCCACAAGGTTGACGTGTTCTACGTGTTGGTTCATAGACTTGGGTGGAGGAACTTTGATGTGT  
 CGTTACTGAATAAACAAGGAGGGATGTTCTAACACGAGCGATGTCTGGAACAACAACAACTTGGAGGACA  
 AGACTTCAATCAGAGGCTGCTTCAGCATTTATATAAAGAGATCTATCAAACGTACGGCTTCTCCCTTCC  
 AGGAAAGAGGAAATCCACAGATTAAGACAGGCGGTGGAGATGGTCAAGCTAAACTTGACAATTCATCAGT  
 CTGCCCAGGATCAGTTTTACTCACTGTGGAGGGGAAGGACAGCAAGGAACCTCAGAATGGTGACTCTGA  
 ACTGCCAAAAGACCAGCTCACCCAGGAGATGGTCAACATGTGAATAGAGTGTTAGACCTGGCCTTTCT  
 GAAAGCAAGAGTGGAAAAAGTCAGGTTTTGTTGAGACAGAAGTATCCCGCAAGCTTTTGATGCCCTCA  
 ATGAAGATCTCTTTCAGAAAATACTCGTACCCATTGAGCAAGTATTAAGAAGGCGCTCTTAGACAAGAC  
 GGAAATTGACGAGGTGGTTCTAGTTGGGGTTCTACTCGTATTCCTCGGATCCGCCAAGTTATTCAGGAG  
 TCTTTGGAAAGGACCCGAATACATCTGTAGACCTGACCTGGCAGTGGTGACAGGAGTGGCCATCCAAG  
 CTGGGATTGATGGAGGCTCCTGGCTCTCCAAGTAGTGCTTTGGAAATCCCAATAAGCATTTACAGAA  
 AACCAACTTCAACTGA

**ACCGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_030201
- Insert Size:** 1416 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\\_030201.3](#), [NP\\_084477.1](#)  
RefSeq Size: 4079 bp  
RefSeq ORF: 1416 bp  
Locus ID: 110920  
UniProt ID: [Q8BM72](#)  
Cytogenetics: 16 43.36 cM  
Gene Summary: Has peptide-independent ATPase activity.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes the functional protein.