

Product datasheet for **RN214640**

Hspa13 (NM_019271) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hspa13 (NM_019271) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hspa13
Synonyms:	Stch
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214640 representing NM_019271
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGGAGAGATGACGATCTTAGGTTCCGCTGTCTTACTCTCCTGTTGGCTGGCTACTTGGCACAAC
 AGTATTTACCACTGCCAACTCCAAAAGTGATTGGCATTGACCTGGGTACCACCTACTGTTCCGTCGGTGT
 ATTTTTCTGGAACAGGAAAAGTAAAGGTGATCCAGATGAAAACGGGCATATTAGCATCCCCAGCATG
 GTGTCTTCACTGATGGCGATGTGTATGTGGGCTATGAAAGCCTAGAGCTGGCAGACTCCAATCCTCAGA
 ACACAATATATGATGCTAAAAGTTTATAGGTAAGATTTTACCCTGAAGAGCTGGAGGCTGAAATTGG
 CAGATACCCATTTAAGGTTTTACACAAAATGGAATGGCTGAGTTTTCTGTGACAAGTAACGAAACCATC
 ATTGTTTCTCCGGAGTACGTCGGCTCTCGATTGTTGCTGAAGCTAAAGGAAATGGCAGAGAAATACCTTG
 GAATGCCGGTTGCCAATGCTGTCATTTCTGTGCCAGCAGAATTTGACCTACAACAGAGAAATCAACAAT
 CCAAGCTGCCAACCTTGCTGGACTGAAGATCTTGGGGTAATAAATGAACCGACAGCAGCAGCGATGGCC
 TATGGTCTCCACAAGTTGATGTCTTCTACGTGTTAGTCATAGACCTGGTGGAGGAACTTTGATGTGT
 CATTACTGAATAAACAAGGAGGAATGTTTCTAACCGCGCAATGTCTGGAACAACAACCTTGGAGGACA
 AGACTTCAATCAAAGGCTGCTTCAGTATTTGTATAAAGAGATCTATCAACATACGGCTTCTCCCTTCT
 AGGAAAGAGGAGATCCACAGATTAAGACAAGCAGTGGAAATGGTCAAGCTAAACCTGACGCTTCATCAGT
 CTGCCAGGATCAGTATTACTCACTGTAGAGGAAAACGACAGCCAGAAACCTCAGAATGCTGACTCTAA
 ACTTCCAGAAGACCAGCTTACCCAGGGGATGGTCAACATGTGAACAGGGTGTTAGACCTGGCCTTTCT
 GACAGCACGAGTGGAAAAAGTCAGGTTTTGTTGAGACAGAAGTATCCCGCAAGCTTTCAACACCCTCA
 ATGAAGATCTCTTTCAGAAAATACTCGTACCCATTGAGCAAGTATTAAGAAGGCTCTTAGACAAGAC
 TGAATTGATGAGGTGGTTCTAGTTGGGGTTCTACTCGCAATTCCTCGGATCCGCCAAGTTATTCAGGAG
 TCTTTGGAAAGGACCCGAACACGCTCTGTAGACCTGACCTGGCAGTGGTACGGGAGTGGCCATCCAAG
 CTGGGATTGATGGAGGCTCTGGCTCTCCAAGTAGTGCTTTAGAAATCCCAATAAGCATTACAGAA
 AACCAACTCAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_019271
- 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_019271.2](#), [NP_062144.2](#)
RefSeq Size: 1625 bp
RefSeq ORF: 1416 bp
Locus ID: 29734
UniProt ID: [O35162](#)
Cytogenetics: 11p11
Gene Summary: has a calcium-inducible; microsome-associated ATPase activity which is independent of peptide stimulation [RGD, Feb 2006]