

Product datasheet for **RN211472**

Hspa12a (NM_001107445) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hspa12a (NM_001107445) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hspa12a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211472 representing NM_001107445
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGACAAGGAAGCTGGCGGTGGAGACGCCGGGCCCCGAGAAACGGCCCCACATCTGCATATTCAT
 CTCCAGCACGGAGTCTCGGGACACAGGAATAACACCTCTGTCCCCTTCCACATCTTGAATGATGCTGA
 CCCCCTCTCCGAGCAGCAGACCTTTCTCGTGGTGGCCATCGACTTTGGGACCACGTCCAGTGCTAT
 GCCTACAGCTTTACCAAGGAGCCGGAATGTATCCATGTGATGCGGAGATGGGAAGGAGGTGACCTGGTG
 TTTCCAACCAGAAGACCCCAACCACCATCTTGCTGACACCAGAGAGGAAGTTCCACAGCTTTGGATATGC
 TGCAAGGGACTTCTACCATGACCTGGACCCCAACGAGGCCAAGCAATGGCTATACCTGGAGAAGTTCAAG
 ATGAACTCCACACCACAGGGGACCTCACCATGGATACAGACCTGACAGCGGCAATGGCAAGAAAGTCA
 AAGCCCTGGAGATCTTCACTTACGCCCTACAGTACTTCAAAGAGCAGGCTCTGAAGGAGCTGAGTGATCA
 GGCAGGGTCGGACTTTGAGAAGCTGATGTCAGATGGGTATCACAGTGCCTGCCATCTGGAAGCAGCCA
 GCCAAGCAGTTTATGAGAGAAGCTGCCTACCAGCGGGCCTGGCCTCCCCGGAGAAGCTCAGAGCAGCTCA
 TCATCGCGTTGGAGCCCAGGCAGCCTCCATCTACTGCCGAAAGCTGCGGCTGCACCAGATGATAGAGCT
 GAGCAGCAAGGCGGTGGTCAATGGGTACAGCGCCAGTGACACAGTAGGAGCGGGTTTGCACAGGCTAAG
 GAACACGTTTCGGCGCAACCGACAGAGTCGGACCTTTTGGTGGAGAATGTATAGGAGAAATCTGGTCCG
 AGCTGGAGGAAGGGGACAAGTACGTGGTGGTGGACAGTGGCGGAGGCACGGTAGACCTGACCGTCCATCA
 GATAAGGCTACCAGAGGGACACCTCAAGGAGCTATACAAAGCAACAGGTGGACCTACGGATCCCTGGGA
 GTAGATTATGAATTTGAAAACTGCTTTGTAATAATTTGGAGAGGATTTTATCGAACAGTTCAAGATCA
 AACGCCCGGCAGCCTGGGTTGACCTAATGATCGCCTTTGAGTCTCGAAAAGAGCCGCGGCACAGATCG
 AACCAACCCCTGAACATCACTCTGCCCTTCTCCTTCATTGACTACTACAAGAAGTTCCGGGGCCACAGC
 GTAGAGCATGCCTTGAGGAAGAGCAATGTGACTTTGTGAAGTGGTCTCCAGGGCATGCTAAGGATGA
 GTCCGGATGCAATGAATGCCCTTTCAAGCCAACCATCGACAGCATCATCGAGCACCTCAGAGACCTGTT
 TCAGAAGCCTGAGGTATCCACCGTCAAGTTCTCTTTCTGGTGGCGGCTTTGCAGAAGCTCCCCTTTTG
 CAGCAGGCAGTGCAGGCCGCTTTGGCGACAAATGCAGGATCATCATCCCCAGGACGTGGGCTCACCA
 TCCTCAAGGGCGCTGTCTCTTCGGCTGGATCTGCCGTTATCAAGGTGCGCGGTCCCCTCTCACCTA
 CGGAGTGGGCGTGTGAACCGCTACGTGGAAGGGAAGCACCTCCAGAGAAGCTGCTGGTGAAGGACGGC
 ACACGTTGGTGCAGTGTCTTTGACAAGTTCATCTCTGCTGACCAGTCCGTGGCCCTGGGGAGCTGG
 TCAAGCGTAGCTACACCCCGGCAAAACCTTCCAGCTGGTATCATCATCAACATCTACAGCTCTGAGAA
 CGACGATGTGAGCTTATCACCGACCCAGGGGTGAAGAAGTGCAGCAGCTCCGCTTGGATCTCACAGGG
 ACCAGCGGCGCAGCGTTCCCGCCCGCAGAGAAATCCAGACCCTTATGCAGTTTGGGGACACTGAGATCA
 AGGCCACAGCCGTTGACATAGCCACCTCAAAGAGTGTCAAAGTGGGGATCGACTTCTAAATTAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107445

Insert Size: 2028 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_001107445.1, NP_001100915.1

RefSeq Size: 6331 bp

RefSeq ORF: 2028 bp

Locus ID: 307997

Cytogenetics: 1q55