

Product datasheet for **RN206495**

Hspa1l (NM_212546) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hspa1l (NM_212546) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hspa1l
Synonyms:	Hsp70-3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206495 representing NM_212546
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCTAATAAAGGAATGGCCATAGGCATCGACTGGGACCCACCTACTCGTGGTGGCGTGTTC
 AGCACGGCAAGGTGGAGATCATCGCAACGACAGGGCAACCGCACGACCCCAAGCTACGTGGCCTTCAC
 CGACACCGAGCGGCTCATCGGGGACGCCCAAGAACCAGGTGGCCATGAATCCCCAGAACACTGTTTTT
 GACGCCAAACGTCTAATTGGCAGGAAGTTAATGATCCCGTCGTGCAGTCGGATATGAAGCTGTGGCCAT
 TTCAAGTGATCAATGAAGCGGGCAAGCCTAAGGTGCTGGTGTCTACAAAGGAGAGAAGAAAGCCTTCTA
 CCCGGAGGAGATCTCGTCCATGGTGTGACCAAGATGAAGGAGACTGCAGAGGCTTTTTTGGCCACAGT
 GTCACCAACGCTGTGATCACCGTCCAGCCTATTTCAATGACTCCAGAGACAGGCCACTAAGATGCAG
 GGGTCATCGCAGGACTCAACGTGCTGCGAATCATCAATGAGCCCACAGCGGGCCATCGCTACGGCTT
 GGATAAAGGAAGTCACGGAGAGCGGCACGTGCTCATCTTCGACCTGGGGGCGGCACGTTTCGACGTGCC
 ATCCTGACGATCGACGACGGCATCTTCGAGGTGAAGGCCACGGCGGGCGACACGCACCTGGGCGGGGAGG
 ACTTCGACAACCGGCTGGTGGCCACTTCGTGGAGGAGTTCAAGAGGAAGCACAAGAAGGACATCAGCCA
 GAACAAGCGCGCGGTGCGGCGTCTGCGCACGGCGTGCAGAGGGCCAAGAGGACGCTGTCGTCCAGCACC
 CAGGCCAACCTGGAGATCGACTCTGTACGAGGGCATCGACTTCTACACGTCCATCACGCGGGCGCGGT
 TCGAGGAGCTGTGTGCAGACCTATTTAGAGGCACGCTTGAGCCCGTGGAGAAGTCTCTCCGGGACGCCAA
 GATGGACAAGGCTAAAATCCATGACATTGTTCTAGTAGGGGGCTTACCCGCATCCCAAAGGTGCAAAAG
 CTGCTTCAAGACTACTTTAATGGACGGGATCTCAACAAGAGTATCAATCCCGATGAGGCGGTGGCCTACG
 GAGCTGCAGTCCAGGCAGCTATTTAATGGGCGACAAATCTGAAAAAGTACAGGATTTGCTTTTGTGGA
 CGTAGCTCCCCTGTCTAGGATTGGAGACAGCCGGGGTGTGATGACTGTTCTGATCAAGCGCAACTCC
 ACCATCCCACCAAGCAGACGCAGATCTTCACCACCTACTCGGACAACCAGCCCGGGTGTGATCCAGG
 TGTACGAGGGCGAGAGGGCCATGACGCGCGACAACAACCTCCTGGGGCGCTTTGACCTGACTGGAATACC
 CCCTGCACCTAGGGGTGTGCCCCAGATCGAGGTGACCTTCGACATCGACGCCAACGGGATTTCTAACGTC
 ACAGCCATGGACAAGAGCACCGGCAAGGCAACAAGATCACCATCACCACGACAAGGGCCGCTTGAGCA
 AGGAGGAGATCGAGCGCATGGTGAAGAGGCCGAGCGGTACAAGGCCGAGGACGAGGGCCAGAGGGAGAA
 GATCGCTGCCAAAATGCCTTAGAATCGTATGCCTTTAACATGAAGAGCGCTGTAGGCGATGAGGGTCTG
 AAGGACAAGATCAGCGAGTCTGATAAAAAGAAAATACTGGATAAATGCAGTGAGGTCCTTCTCTGGCTGG
 AGGCCAACAGCTGGCGGAGAAAGAAGAGTTTCGATCATAAAAGAAAAGAGCTGAAAAACATGTGCAACCC
 TATCATACAAAGCTGTACCAGAGCGGCTGCACAGGGCCACCTGCGCGCCAGGGTATACACCCGGCAGG
 GCTGCCACAGGCCCCACCATTGAGGAAGTAGAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_212546
- Insert Size:** 1926 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_212546.4](#), [NP_997711.1](#)

RefSeq Size: 2632 bp

RefSeq ORF: 1926 bp

Locus ID: 24963

UniProt ID: [P55063](#)

Cytogenetics: 20p12

Gene Summary: one of three major histocompatibility complex (MHC)-linked heat shock protein 70 (Hsp70) genes [RGD, Feb 2006]