

Product datasheet for **MC221995**

Hspa4 (NM_008300) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hspa4 (NM_008300) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hspa4
Synonyms:	70kDa; AI317151; APG-2; Hsp70RY; Hsp110; mKIAA4025
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC221995 representing NM_008300
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGTGGTGGGCATAGACCTGGGCTTTCAGAGCTGCTATGTCGCTGTGGCCCGCCGGCCGCATCG
 AGACGATCGCTAACGAGTATAGCGACCGCTGCACGCCGGCATGTGTTCTTTTGGTCTAAGAATCGTTC
 AATTGGAGCAGCAGCTAAGAGCCAGTAATTTCTAATGCCAAGAACACAGTTCAAGGCTTTAAAAGATTC
 CATGGGCGTGCATTCTCCGATCCATTTGTGGAAGCAGAAAAATCTAATCTTGCATATGATATTGTGCAGT
 TGCCCACTGGATTAACGGGCATAAAGGTTACATATATGGAAGAAGAGAGGAATTTTACCACGGAACAAGT
 GACTGCCATGCTTTTGTGAAACTGAAGGAGACAGCAGAGAGTGTCTTAAGAAGCCTGTGGTAGACTGT
 GTTGTCTCGTTCCTAGTTTCTACTGATGCAGAACGGCGGTGAGTGGATGCCACACAGATTGCTG
 GTCTCAATTGTTTGGGTAATGAATGAAACAACCTGCAGTTGCTCTTGTATGGAATCTATAAACAAGA
 CCTTCCTGCCTTAGAAGAAAAACCAAGAAATGTAGTTTTTGTAGATATGGGACATTCTGCCTATCAAGTT
 TCTGTATGTGCATTTAATAAAGGAAAACTGAAAGTTTTGGCCACAGCTTTTGATACAACATTTGGGAGGCA
 GAAAAATTTGATGAGGTGTTGGTAAATCACTTCTGTGAAGAATTTGGAAAGAAATACAAGTAGACATAAA
 ATCTAAAATTCGTGCTTTATTACGACTGTCTCAAGAGTGTGAGAACTCAAGAAATTTGATGAGTGCGAAT
 GCTTCAGACCTCCCTTTGAGCATTGAGTGTGTTTATGAATGATATTGATGTGTCCGGAATGATGAATAGAG
 GCAAAATTTTGGAGATGTGTGATGATCTCTAGCAAGAGTGGAGCCGCCACTTCGAAGCGTCTTGGAGCA
 ATCCAAGTTAAGAAAGAAGATTTTATGCAGTGGAGATAGTTGGTGGTCCACACGAATCCCTGCAGTG
 AAAGAGAAGATCAGCAAGTTTTTGGTAAAGAACTCAGCACAACATTAATGCAGATGAAGCTGTCACTC
 GAGGCTGTGCTGCAGTGTGCAATTTTATCACCTGCTTTCAAAGTCAGAGAATTTCTATCACTGATGT
 GGTACCATATCCAATATCTTTGCGATGGAATCTCCAGCTGAAGAGGGGTTAAGTGACTGTGAAGTCTTC
 CCCAAAAACCATGCTGCTCCTTTCTCAAAGTCTCACCTTCTACAGAAAGGAACCTTTCACTCTTGAGG
 CCTACTATAGTTCTCCTCAGGATTTGCCCTATCCAGATCCTGCTATAGCTCAGTTCTCAGTTCAGAAAGT
 CACTCCACAGTCTGATGGCTCCAGCTCAAAAGTAAAAGTCAAGGTCCGGGTGAACGTGCACGGCATCTTC
 AGTGTGTCCAGTGCAGCTTGGTGGAGTGCACAAGTCTGAAGAGAGTGGAGGCCCATGGAGACGGATC
 AGAATGCAAAGGAAGAGGAGAAGATGCAAGTGGACCAGGAAGAACCACATACTGAAGAGCAGCAGCAGCA
 GCCACAGACACCAGCAGAAAAACAAGCGGAGTCTGAGGAGATGGAGACATCTCAAGCTGGATCAAAAGAT
 AAAAAGACGGACCAACCCTCAAGCAAAGAAGGCAAAGTGAAGACCAGCACTGTGGACCTGCCATTG
 AGAGCCAGCTGCTCTGGCAGCTGGACCGGAGATGCTCGCCTGTACACAGAGAATGAGGGTAAGATGAT
 CATGCAGGATAAACTGGAGAAGGAACGGAATGACGCCAAGAATGCTGTGGAAGAGTATGTGTATGAGATG
 AGAGACAAGCTTGTGGTGAATATGAGAAGTTGTGAGTGAAGATGATCGTAATACTTTTACCTTAAAAAT
 TAGAGGATACTGAAAATTTGGCTGTATGAAGATGGAGAAGATCAACCAAAGCAAGTTTATGTAGACAAAT
 GGCTGAATTA AAAAGTTTAGGTCAACCCATTAAAGACACGGTCCAGGAATCTGAAGAAAGACCAAAATTA
 TTTGAAGAAGTAGGGAAGCAAAATCAACAGTATATGAAAGTATCAGCTCTTTCAAAAACAAGGAGGACC
 AGTATGAACACTTGGATGCTGCTGACGTGACAAAGGTAGAGAAAAGCACCATGAGGCGATGGAGTGGAT
 GAATAGCAAGCTTAACCTGCAGAACAAACAGACCTGACGGTGGATCCAGTTGTCAAGACAAAGGAGATT
 GAAGCTAAAATTAAGGAGCTGACAAGTATTTGAGTCTATAATTTCAAAACCAAAACCAAGTGGAAC
 CCCCAAAGGAGGAACCAAAACATGCTGAGCAGAATGGACCAGTGGATGGCCAAGGAGACAACCCAGGCTC
 CCAGGCTGCTGAGCACGGTGCAGACACAGCTGTGCCTTCTGATGGCGACAAGAAGCTTCTGAGATGGAC
 ATTGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008300
Insert Size: 2529 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:	<ol style="list-style-type: none">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_008300.3 , NP_032326.3
RefSeq Size:	4657 bp
RefSeq ORF:	2529 bp
Locus ID:	15525
Cytogenetics:	11 31.91 cM