

## Product datasheet for MC205600

### Hspa14 (NM\_015765) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hspa14 (NM_015765) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hspa14
Synonyms:	70kDa; Hsp70-4; HSP70L1; hsr.1; NST-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC002056  
GCTGAAGCTGCTGAAGGGTCTTCGTTGAGCTGCCGTGGTCTCCGCCCTTATGGCGGCGATCGGCGTG  
CACCTGGGCTGCACATCAGCCTGTGTGGCTGTCTACAAGGATGGCCGGGCGATGTGGTTGCAAATGATG  
CAGGGGATAGAGTCACACCAGCCATTGTTGCTTACTCGGAACGTGAACAGGTGGTTGGACTGGCAGCAAA  
ACAAAGTAGAATAAGACATGTTTCAAGCACAGTAGTAAAAGTGAACAGATCCTTGGCAGAAGCTCTGCA  
GATCCACAAGCTCAGAAATACATCTCAGAAAGTAAATGCTTAGTCATTGAGAAAAATGGGAAGTTGCGGT  
ATGAAATAGATACAGGAGAAGAAACAAACTTGTAAATCCAGAAGATGTTGCCAGACTGATATTCAGTAA  
AATGAAAGAAACAGCGCATTCTGTCTGGGCTCAGATGCAAAATGACGTGGTTGTCACTGTCCCATTTGAC  
TTTGGAGAAAAGCAGAAGTCTGCTCTGGGGAGGCGGCTGGAGCTGCTGGATTTAACGTGCTGCGGCTGA  
TCCATGAGCCGTCTGCAGCTCTCCTTGCTTATGGGATTGGACAAGACCACCTACCGGGAAGAGCAATGT  
TTTGGTGTAAAGCTTGGAGAACGTCTTATCGCTCAGTGTGATGGAAGTTAACAGTGGGATGTATCGG  
GTCCTTTCCACAAACACCAGTGACAACATAGGGGGCGCACATTTACAGACACCTTAGCACGGTACCTGG  
CTTCGGAGTTCAGAGGTTGTTCAAACATGATGTGAGAGGAAATGCCCGGCCATGATGAAATGATGAA  
CAGCGCTGAAGTGGCCAAGCATTCTCTGTCAACCTTGGGAAGTGGCAACTGCTTTGTAGATTCTTTGAT  
GAAGGTCAAGACTTTGATTGCAATGTGTCCAGAGCAAGATTTGAGCTGCTCTGTTCTCCGCTTTTAAACA  
AATGTACAGAAGCAATCCGGGAGCTCTTGCAGACTGGATTCCAGCAGATGATATCAACAAGTTGT  
GCTGTGTGGTGGATCTTCCAGAAATCCAAAGCTGCAGCAGCTGATTAAGATCTCTTCCAGCCGTGGAC  
CTCCTCAACTCTATCCCTCCAGATGAGGTATCCCTATTGGTGCAGCCATAGAAGCCGGGATTCTTGTG  
GGAAAGAGAGCACGTGAGGATGACTCTGTGATAGAGTGTTCAGCCAAGGATATTTAGTTAAGG  
AGTGGATGAGTCAGGTGCCGACAGATTCACAGTACTGTTTCCCTCTGGGACCCCACTGCCAGCCGAAGA  
CAGCACACACTGCAGGCCCCCGGAGGGTGTCTTCCGTTTGCCTTGAACCTATGAGTCTGAGGGGAAGA  
ACTCTGCTAAAGAGGAGGCCAAGTTTGCACAGTTGTAAGTCCAGGACTTAGATAAAAAAGAAAATGGATT  
GCGTGATATATTAGCTGTTCTTACTATGAAAAGGGATGGATCTTTACAGGTGACGTGCACAGACCAAGAC  
ACCGGCAAGTGTGAGGCCATTACTGTTGAGTTGCATCCTGACTCTTACAGATAAACCAAGATGGTTTTTA  
GAACTATAATATCAACATAATTTGGTTTTGTGATAAGTGTGTTTATAATAAACTGCTTTTTCAATGAA  
GGTATAAGCTATGTTTCTATTAATAATAATTTACTAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_015765
<b>Insert Size:</b>	1530 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC002056</a> , <a href="#">AAH02056</a>
<b>RefSeq Size:</b>	1734 bp
<b>RefSeq ORF:</b>	1530 bp
<b>Locus ID:</b>	50497
<b>UniProt ID:</b>	<a href="#">Q99M31</a>
<b>Cytogenetics:</b>	2 A1
<b>Gene Summary:</b>	<p>Component of the ribosome-associated complex (RAC), a complex involved in folding or maintaining nascent polypeptides in a folding-competent state. In the RAC complex, binds to the nascent polypeptide chain, while DNAJC2 stimulates its ATPase activity (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer isoform (1).</p>