

## Product datasheet for MC210876

### Hspb2 (NM\_024441) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hspb2 (NM\_024441) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Hspb2  
**Synonyms:** 27kDa; 2810021G24Rik; HSP27; MKBP  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210876 representing NM\_024441  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGGGCCGCACAGTCCACACGCCACCCAGCCACTGCCGAGTACGAATTTGCCAACCCAGCCGTC  
 TGGGCGAGCAGCGCTTCGAGAAGGCCTCTGCCAGAAGAGATCCTGACCCACCCCTCTATCACGGCTA  
 CTATGTTCCGGCTCGGGCCGAGAGCTGGCGAGGGCCAGGGCAGGGGCTCAGAGCTCAGGCTCAGT  
 GAAGGCAAGTTCAGGCGTTTCTGGATGTGAGCCACTTTACCCAGATGAGGTGACGGTGAGGACTGTGG  
 ATAACCTGCTGGAGGTGTCTGCCGACACCCAGCGTCTGGATCGCCACGGCTTCGTGTCCCGAGAGTT  
 CTGTGCGACCTATGTCCTGCCTGCAGATGTGGACCCCTGGCGGGTTCGAGCTGCTCTATCCCATGATGGC  
 ATCCTTAAGTTGGAGGCGCCGCGGGTGGCCGCAATTTGGACACGGAAGTCAATGAAGTCTACATCTCCC  
 TGCTTCTGCTCCTCTGACCCGAGGAAGAGGATAGCCAGAGTTGAGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_024441  
**Insert Size:** 549 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).



[View online »](#)

<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>	<u><a href="#">NM_024441.3</a></u> , <u><a href="#">NP_077761.3</a></u>
<b>RefSeq Size:</b>	910 bp
<b>RefSeq ORF:</b>	549 bp
<b>Locus ID:</b>	69253
<b>UniProt ID:</b>	<u><a href="#">Q99PR8</a></u>
<b>Cytogenetics:</b>	9 27.75 cM
<b>Gene Summary:</b>	May regulate the kinase DMPK.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1).