

Product datasheet for MC210877

Hspb2 (NM_001164708) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hspb2 (NM_001164708) 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: >MC210877 representing NM_001164708
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCGGGCGGCACAGTGCCACACGCCACCCAGCCACTGCCGAGTACGAATTTGCCAACCCAGCCGTC
 TGGGCGAGCAGCGCTTCGAGAAGATGTGGACCCCTGGCGGGTTCGAGCTGCTCTATCCCATGATGGCAT
 CCTTAACCTGGAGGCGCCGCGGGGTGGCCGGCATTGGACACGGAAGTCAATGAAGTCTACATCTCCCTG
 CTTCTGCTCCTCTGACCCGAGGAAGAGGAAGAGATAGCCAGAGTTGAGCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001164708

Insert Size: 267 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).



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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:	<u>NM_001164708.1, NP_001158180.1</u>
RefSeq Size:	628 bp
RefSeq ORF:	267 bp
Locus ID:	69253
UniProt ID:	<u>Q99PR8</u>
Cytogenetics:	9 27.75 cM
Gene Summary:	<p>May regulate the kinase DMPK.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses a different splice site, compared to variant 1. The resulting protein (isoform 2) is missing an internal segment when it is compared to isoform 1.</p>