

Product datasheet for **RN202726**

Hspb8 (NM_053612) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hspb8 (NM_053612) Rat Untagged Clone
Tag: Tag Free
Symbol: Hspb8
Synonyms: Cryac; Hsp22
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202726 representing NM_053612
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGACGGGCAATTGCCTTCCCGTGCTCCTACCCAAGCCGCTTGCGCCGAGACCCCTTTCGGGACT
CACCGCTCTTCCCGCCTGCTGGACGATGGCTTTGGCATGGACCCCTTCCAGACGACTTGACAGCCCC
TTGGCCCGAGTGGGCTTTCCTCGGCTCCTCTGCCTGGCTGGAACCCCTAAGGTCTGGCATGGTACCC
CGAGGGCCTACAGCCACAGCCAGGTTTGGGGTACCTGCTGAGGGTAGGAACCCCCACCCTTCCCTGGGG
AGCCCTGGAAAGTGTGTCAATGTGCACAGCTTCAAGCCGGAAGAAGTATGGTAAAGACCAAGGATGG
ATACGTGGAAGTGTGAGGAAGCACGAAGAGAAGCAGCAAGAAGGTGGGATTGTCTCCAAGAACTTCAAC
AAGAAAATACAGCTTCTGCAGAAGTGGATCCAGTGACTGATTTGCCTCACTTCTCCAGAGGGTCTGC
TCATCATTGAGGCTCCCCAGGTCCTCCTTACTCACCCCTTGGAGAGAGCAGCTTAAACAACGAGCTTCC
TCAAGACAACCAGGAAGTCACCTGCTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053612
Insert Size: 591 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).



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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:	<u>NM_053612.2</u> , <u>NP_446064.1</u>
RefSeq Size:	1795 bp
RefSeq ORF:	591 bp
Locus ID:	113906
UniProt ID:	<u>Q9EPX0</u>
Cytogenetics:	12q16
Gene Summary:	human homolog binds Hsp27 and may play a role in muscle function and integrity [RGD, Feb 2006]