

## Recombinant Human HSPB6 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** HSPB6-4694H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                             |
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| <b>Product Overview</b> | HSPB6 MS Standard C13 and N15-labeled recombinant protein (NP_653218) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                      |
| <b>Description</b>      | This locus encodes a heat shock protein. The encoded protein likely plays a role in smooth muscle relaxation.                                                                                               |
| <b>Molecular Mass</b>   | 17.2 kDa                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MEIPVPVQPSWLRRASAPLLGLSAPGRLFDQRFGEGLLEAELAALCPTTLAPYYLRA<br>PSVALPVAQVPTDPGHFSVLLDVKHFSPEEIAVKVVGEHVEVHARHEERPDEHGFV<br>AREFHRRYRLPPGVDPAAVTSALSPEGVLSIQAAPASAQAPPPAAAKTRTRPLEQKL<br>ISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                 |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                  |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                 |

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| <b>Concentration</b> | 50 µg/mL as determined by BCA |
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| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |
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## GENE INFORMATION

|                  |                                                                             |
|------------------|-----------------------------------------------------------------------------|
| <b>Gene Name</b> | HSPB6 heat shock protein family B (small) member 6 [ Homo sapiens (human) ] |
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| <b>Official Symbol</b> | HSPB6 |
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|-----------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | HSPB6; heat shock protein, alpha-crystallin-related, B6; heat shock protein beta-6; FLJ32389; Hsp20; heat shock 20 kDa-like protein p20; |
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| <b>Gene ID</b> | 126393 |
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| <b>mRNA Refseq</b> | NM_144617 |
|--------------------|-----------|

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| <b>Protein Refseq</b> | NP_653218 |
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| <b>MIM</b> | 610695 |
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|-------------------|--------|
| <b>UniProt ID</b> | O14558 |
|-------------------|--------|

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## SDS-PAGE



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