

## Recombinant DnaJ

|                                 |   |                  |                           |
|---------------------------------|---|------------------|---------------------------|
| <b>Catalog No.</b>              | CRD116A<br>CRD116B<br>CRD116C   | <b>Quantity:</b> | 20 µg<br>100 µg<br>1.0 mg |
| <b>Alternate Names:</b>         | HSP40, HSP-40, DNAJB1, HSPF1  |                  |                           |
| <b>Description:</b>             | Recombinant DnaJ is a single, non-glycosylated polypeptide chain containing 376 amino acids.  |                  |                           |
| <b>Concentration:</b>           | 1 mg/ml   |                  |                           |
| <b>Source:</b>                  | <i>E. coli</i>  |                  |                           |
| <b>Molecular Weight:</b>        | 41.1 kDa  |                  |                           |
| <b>Formulation:</b>             | Sterile filtered liquid in 25 mM Tris-HCl, pH 7.5 + 100 mM NaCl + 5 mM DTT + 10% glycerol   |                  |                           |
| <b>Purity:</b>                  | > 95% as determined by RP-HPLC and SDS-PAGE analyses  |                  |                           |
| <b>Endotoxin Level:</b>         | < 0.1 ng/µg of DnaJ   |                  |                           |
| <b>Amino Acid Sequence:</b>     | MAKQDYEIL GVSKTAEHE IRKAYKRLAM KYHPDRNQQD KEAEAKFKEI<br>KEAYEVLTD SQKRAAYDQYG HAAFEQGGMG GGGFGGGADF SDIFGDVFGD<br>IFGGGRGRQR AARGADLRN MELTLEEAVR GVTKEIRIPT LEECDVCHGS<br>GAKPGTQPQT CPTCHGSGQV QMRQGFFAVQQTCPHCQGRG TLIKDPCNKC<br>HGHGRVERSK TLSVKIPAGV DTGDRI RLAG EGEAGEHGAPAGDLYVQVQV<br>KQHPIFEREG NNLYCEVPIN FAMAALGGEI EVPTLDGRVK LKVPGETQTG<br>KLFRMRGKGV KSVRGG AQGD LLCRVVETP VGLNERQKQL LQELQESFGG<br>PTGEHNSPRSKSFFDGVKKF FDDLTR |                  |                           |
| <b>Storage &amp; Stability:</b> | Stable for 4 weeks at 2-4°C or in working aliquots at -20°C with a carrier protein (0.1% HSA or BSA) for long term storage. <b>Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.</b>   |                  |                           |

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