

## Heat Shock 70kDa Protein 6 Human Recombinant

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| <b>Item Number</b>                       | rAP-3394                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>                          | HSP70B, Heat shock 70 kDa protein 6, Heat shock 70 kDa protein B', HSPA6.                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>                       | Recombinant Human HSPA6 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 663 amino acids (1-643 a.a) and having a molecular mass of 73.2kDa.HSPA6 human recombinant is fused to a 20 amino acid His Tag at N-terminus and purified by conventional chromatography techniques.                                                                                                                                                |
| <b>Uniprot Accession Number</b>          | P17066                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MQAPRELAVG IDLGTTYSCV GVFFQQGRVEI LANDQGNRTT PSYV-AFTDTE RLVGDAAKSQ AALNPHNTVF DAKRLIGRKF ADTTVQSDMK HWPFRVVSEG GKPKVRVCYR GEDKTFYPEE ISSMVLSKMK ETAEAYLGQP VKHAVITVPA YFNDSQRQAT KDAGAIAGLN VLRINEPTA AAAYGLDRR GAGERNVLIF DLGGGTFDVS VLSIDAGVFE VKATAGDTHL GGEDFDNRLV NHF-MEEFRRK HGKDLSGNKR ALRRLRTACE RAKRTLSSST QATLEIDSLF EGVDIFYTSIT RARFEELCSD LFRSTLEPVE KALRDAKLDK AQIHDVVLVG GSTRIPKVQK LLQDFFNGKE LNKSINPDEA VAYGAHVQAA |
| <b>Source</b>                            | Escherichia Coli.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Physical Appearance and Stability</b> | Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.                                                                                                                                                                                 |
| <b>Formulation and Purity</b>            | The HSPA6 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl & 10% Glycerol. Greater than 90.0% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                         |
| <b>Application</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Solubility</b>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Biological Activity</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.                                                                                                                                                                                                                                                                                                                                                                                                                   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**