

## HSP-70 Cofactor (HSP24) E.Coli Recombinant

<b>Item Number</b>	rAP-3381
<b>Synonyms</b>	HSP24, HSPB25.3, HSP-70 Cofactor, Protein grpE, Heat shock protein B25.3, grpE, b2614, JW2594.
<b>Description</b>	GrpE Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 197 amino acids and having a molecular mass of 21.8 kDa. The GrpE is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P09372
<b>Amino Acid Sequence</b>	MSSKEQKTPE GQAPEEIIMD QHEEIEAVEP EASAEQVDPR DEKIANLEAQ LAEAQTRERD GILRVKAE-ME NLRRRTELDI EKAHKFALEK FINELLPVID SLDRALEVAD KANPDMSAMV EGIELTLKSM LDVVRK-FGVE VIAETNVPLD PNVHQAIAMV ESDDVAPGNV LGIMQKGYTL NGRTIRAMV TVAKAKA.
<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 HSP24 protein solution contains 20mM Tris-HCl pH-8 and 0.1M NaCl. Greater than 90.0% as determined by analysis 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 end users! This product is sold for **Research Use Only**