

HSP-70 Cofactor (HSP24) E.Coli Recombinant

Item Number	rAP-3381
Synonyms	HSP24, HSPB25.3, HSP-70 Cofactor, Protein grpE, Heat shock protein B25.3, grpE, b2614, JW2594.
Description	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.
Uniprot Accession Number	P09372
Amino Acid Sequence	MSSKEQKTPE GQAPEEIIMD QHEEIEAVEP EASAEQVDPR DEKIANLEAQ LAEAQTRERD GILRVKAE-ME NLRRRTELDI EKAHKFALEK FINELLPVID SLDRALVAD KANPDMSAMV EGIELTLKSM LDVVRK-FGVE VIAETNVPLD PNVHQAIAMV ESDDVAPGNV LGIMQKGYTL NGRTIRAAMV TVAKAKA.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**