

GroES (HSP10) Human Recombinant

Item Number	rAP-3382
Synonyms	CPN10, GROES, HSP10, HSPE1, Chaperonin-10, 10 kDa heat shock protein mitochondrial, 10 kDa chaperonin, Early-pregnancy factor, EPF.
Description	Recombinant GroES produced in E.Coli is a single, non-glycosylated polypeptide chain containing 102 amino acids and having a molecular mass of 10 kDa.
Uniprot Accesion Number	P61604
Amino Acid Sequence	MAGQAFRKFL PLFDRVLVER SAAETVTKGQ IMLPEKSQGK VLQATVVAVG SGSKGKGGEI QPVSVKVGDK VLLPEYGGTK VVLDDKDYFL FRDGDILGKY VD.
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 GroES protein contains 20mM Tris buffer pH-8 & 50mM NaCl. Greater than 98.0% as determined 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 end users! This product is sold for **Research Use Only**