



DnaJ (HSP40) Human Recombinant

Item Number	rAP-3379
Synonyms	HSP-40, HSP40, DnaJ, DNAJB1, HSPF1, Hdj1, DnaJ homolog subfamily B member 1, Heat shock 40 kDa protein 1, Heat shock protein 40, DnaJ protein homolog 1, HDJ-1, Sis1.
Description	HSP40 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain (aa 1-340) and fused to a 20 aa His Tag at N-terminus, containing a total of 360 amino acids and having a molecular mass of 40.2 kDa. The HSP40 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P25685
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGKDYYQTLG LARGASDEEI KRAYRRQALR YHPDKNKEPG AEEKFKEIAE AYDVLSDPRK REIFDRYGEE GLKSGSPSGG SGGGANGTSF SYTFHGDPHAMFAEFFG- GRN PFDTFFGQRN GEEGMDIDDP FSGFPMGMGG FTNVNFGRRS SAQEPARKKQ DPPVTHDLRV SLEEIYSGCT KKMKISHKRL NPDGKSIRNE DKILTIEVKK GWKEGTKITF PKEGDQTSNN IPADIVFLK DKPHNIFKRD GSDVIYPARI SLREALCGCT VNVPTLDGRT IPVVFKDVIR PGMRRKVPGE GLPLPKTPEK RGDLIIEFEV IPPERIPQTS RTVLEQVLPI.
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 protein solution contains 20mM Tris-HCl (pH 8.0), 2mM DTT, 0.2mM PMSF and 10% glycerol. Greater than 95.0% 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 ender users! This product is sold for **Research Use Only**