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DnaJ Human

DnaJ (HSP40) Human Recombinant
RCP0654

Product Overview

Name	DnaJ Human
Description	
DnaJ (HSP40) Human Recombinant	
Accession (Primary)	P25685
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.	
Introduction	
Human HSP40 (heat shock protein with molecular size of 40kDa) is one of the mammalian homologues of bacterial DnaJ heat shock protein and regulates cellular processes by aiding in the folding, transport and assembly. HSP40 protein contains the J-domain which controls interaction with the ATPase domain of DnaK.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The protein solution contains 20mM Tris-HCl (pH 8.0), 2mM DTT, 0.2mM PMSF and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGKDYYQTLG LARGASDEEI KRAYRRQALR YHPDKNKEPG AEEKFKEIAE AYDVLSDPRK REIFDRYGEE GLKGSGPSGG SGGGANGTSF SYTFHGDPHAMFAEFFGGRN PFDTFFGQRN GEEGMDIDDP FSGFPMGMGG FTNVNFGRSR SAQEPARKKQ DPPVTHDLRV SLEEIYSGCT KKMKISHKRL NPDGKSIRNE DKILTIEVKK GWKEGTKITF PKEGDQTSNN IPADIVFVLK DKPHNIFKRD GSDVIYPARI SLREALCGCT VNVPTLDGRT IPVVFKDVIR PGMRRKVPGE GLPLPKTPEK RGDLIIEFEV IFPERIPQTS	

RTVLEQVLPI.

Precautions

DnaJ Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P25685)