

Human HSPA8 Recombinant Protein



RPPB5248

Product Information Protein Information

Product SKU:

RPPB5248

Accession:

P11142

Host:

Escherichia Coli.

Protein description:

Recombinant Human HSC70 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 666 amino acids (1-646 a.a.) and having a molecular mass of 73.1kDa. HSC70 human recombinant is fused to 20 amino acid His Tag at N-terminus and purified by conventional chromatography techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

LAP1, HSC54, HSC70, HSC71, HSP1, HSP73, NIP71, HSPA10, MGC29929, MGC131511, HSPA8, Heat shock cognate 71 kDa protein, Heat shock 70 kDa protein 8.

Formulation:

The HSC70 protein solution contains 20mM Tris, pH-8 & 10% Glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MSKGPAVGID LGTTYSCVGV FQHGKVEIIA NDQGNRTTPS YVAFDTERL
IGDAAKNQVA MNPTNTVFDA KRLIGRRFDD AVVQSDMKHW PFMVNDAGR PKVQVEYKGE TKSFYPEEVS
SMVLTKMKEI AEAYLGKTVT NAVVTVPAYF NDSQRQATKD AGTIAGLNVL RIINEPTAAA IAYGLDKKVG
AERNVLIFDL GGGTFDVSL TIEDGIFEVK STAGDTHLGG EDFDNRMVNH FIAEFKRKHK KDISENKRAV
RRLRTACERA KRTLSSSTQA SIEIDSLYEG IDFYTSITRA RFEELNADLF RGTLDPVEKA LRDAKLDKSQ
IHDIIVLVGGS TRIPKIQKLL QDFENGKELN KSINPDEAVA YGAAVQAAIL SGDKSENVQD LLLLDVTPLS
LGIETAGGVM TVLIKRNTTI PTKQTQTFTT YSDNQPGVLI QVYEGERAMT KDNNLLGKFE LTGIPPAPRG
VPQIEVTFDI DANGILNVSA VDKSTGKENK ITITNDKGRL SKEDIERMVQ EAEKYKAEDE KQRDKVSSKN
SLESYAFNMK ATVEDEKLQG KINDEDKQKI LDKCNEIINW LDKNQTAEE EFEHQQKELE KVCNPIITKL
YQSAGGMPGG MPGGFPGGGA PPSGGASSGP TIEEVD.