

Human HSPA9 Recombinant Protein



RPPB5249

Product Information Protein Information

Product SKU:

RPPB5249

Accession:

P38646

Host:

Escherichia Coli.

Protein description:

Recombinant Human HSPA9 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 654 amino acids (47-679) and having a molecular mass of 71 kDa. HSPA9 is expressed with a 20 amino acid His tag fused at N-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Mortalin, GRP75, MOT2, GSPA9B, PBP74, MOT-2, MTHSP75, Stress-70 protein mitochondrial, 75 kDa glucose-regulated protein, GRP 75, Heat shock 70 kDa protein 9, Peptide-binding protein 74, MOT, HSPA9, HSPA9B, CSA, MGC4500.

Formulation:

The HSPA9 protein solution contains 20mM Tris-HCl, pH-8, 10% glycerol and 0.5mM DTT.

Purity:

Greater than 95.0% 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:

MGSSHHHHH SSGLVPRGSH MASEAIKGAV VGIDLGTTNS CVAVMGKQA KVLENAEGAR TTPSVVAFTA
DGERLVGMPA KRQAVTNPNN TFYATKRLIG RRYDDPEVQK DIKNVPFKIV RASNGDAWVE AHGKLYSPSQ
IGAFVLMKMK ETAENYLGH AKNVITVPA YFNDSQRQAT KDAGQISGLN VLRVINEPTA AALAYGLDKS
EDKVIAYVDL GGGTFDISIL EIQKGVFEVK STNGDTFLGG EDFDQALLRH IVKEFKRETG VDLTKDNMAL
QVRREAAEKA KCELSVVQT DINLPYLTMD SSGPKHLNMK LTRAQFEGIV TDLIRRTIAP CQKAMQDAEV
SKSDIGEVL VGGMTRMPKV QQTVQDLFGR APSKAVNPDE AVAIGAAIQG GVLGADVTDV LLLDVTPLSL
GIETLGGVFT KLINRNTTIP TKKSQVFSTA ADGQTQVEIK VCQGEREMAG DNKLLGQFTL IGIPPAPRGV
PQIEVTFDID ANGIHVHSAK DKGTGREQQI VIQSSGGLSK DDENMVKNA EKYAEEDRRK KERVEAVNMA
EGIIHDTETK MEEFKDQLPA DECNKLKEEI SKMRELLARK DSETGENIRQ AASSLQQASL KLFEMAYKKM
ASEREGSGSS GTGEQKEDQK EEKQ.