

## Heat Shock 70kDa Protein 9 Human Recombinant

<b>Item Number</b>	rAP-3389
<b>Synonyms</b>	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.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P38646
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MASEAIKGAV VGIDLGTTNS CVAVMEGKQA KVLNAEGAR TTPSVVAFTA DGERLVGMPA KRQAVTNPNN TFYATKRLIG RRYDDPEVQK DIKNVFPKIV RASNGDAWVE AHGKLYSPSQ IGAFVLMKMK ETAENYLGH AKNVITVPA YFNDSQRQAT KDAGQIS- GLN VLRVINEPTA AALAYGLDKS EDKVIAYVDL GGGTFDISIL EIQKGVFEVK STNGDTFLGG EDFDQALLRH IVKEFKRETG VDLTKDNMAL QRVREAAEKA KCELSVVQVQ DINLPYLTMD SSGPKHLNMK LTRAQFEGIV TDLIRRTIAP CQKAMQDAEV SKSDIGEVL VGGMTRMPKV
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The HSPA9 protein solution contains 20mM Tris-HCl, pH-8, 10% glycerol and 0.5mM DTT. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**