

Recombinant Human HSPA9

Cat. No. HSPA9-26821TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human protein; predicted Mwt: 75 kDa
Species	Human
Source	E.coli
Description	This gene encodes a member of the heat shock protein 70 gene family. The encoded protein is primarily localized to the mitochondria but is also found in the endoplasmic reticulum, plasma membrane and cytoplasmic vesicles. This protein is a heat-shock cognate protein. This protein plays a role in cell proliferation, stress response and maintenance of the mitochondria. A pseudogene of this gene is found on chromosome 2.
Molecular Weight	75.000kDa
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	pH: 7.50 Constituents: 3% Glycerol, 0.79% Tris HCl, 0.88% Sodium chloride
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence	Belongs to the heat shock protein 70 family.

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Similarities

Full Length Full L.

GENE INFORMATION

Gene Name HSPA9 heat shock 70kDa protein 9 (mortalin) [Homo sapiens]

Official Symbol [HSPA9](#)

Synonyms HSPA9; heat shock 70kDa protein 9 (mortalin); heat shock 70kDa protein 9B (mortalin 2) , HSPA9B; stress-70 protein, mitochondrial; GRP75; mot 2; mthsp75; PBP74;

Gene ID [3313](#)

mRNA Refseq [NM_004134](#)

Protein Refseq [NP_004125](#)

MIM [600548](#)

Uniprot ID [P38646](#)

Chromosome Location 5q31.1

Pathway RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem; Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem;

Function ATP binding; nucleotide binding; protein binding; unfolded protein binding;

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