

Recombinant Full Length Human HSPA9 Protein, GST-tagged

Cat. No. HSPA9-3963HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSPA9 full-length ORF (AAH00478.1, 1 a.a. - 679 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	679 amino acids
Description	The product encoded by this gene belongs to the heat shock protein 70 family which contains both heat-inducible and constitutively expressed members. The latter are called heat-shock cognate proteins. This gene encodes a heat-shock cognate protein. This protein plays a role in the control of cell proliferation. It may also act as a chaperone. [provided by RefSeq]
Molecular Mass	100.1 kDa
AA Sequence	MISASRAAAARLVGAAASRGPTAARHQDSWNGLSHEAFRLVSRRDYASEAIKGAVV GIDLGTTNSCVAVMEGKRAKVLNAEGARTTPSVVAFTADGERLVGMPPAKRQAVTN PNNTFYATKRLIGRRYDDPEVQKDIKNVPFKIVRASNGDAWVEAHGKLYSPSQIGAF VLMKMKETAENYLGRTAKNAVITVPAYFNDSQRQATKDAGQISGLNVLRVINEPTAA ALAYGLDKSEDKVIAVYDLGGGTFDISILEIQKGVFEVKSTNGDTFLGGEDFDQALLR HIVKEFKRETGVDLTNDMALQVRVREAAEKAKCELSVVQTDINLPYLTMDSSGPKH LNMKLTRAQFEGIVTDLIRRTIAPCQKAMQDAEVSKSDIGEVLVGGMTRMPKVQQT VQDLFGRAPSKAVNPDEAVAIGAAIQGGVLAGDVTDLVLLDVTPLSLGIETLGGVFTK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LINRNTTIPTKKSQVFSTAADGQTQVEIKVCQGEREMAGDNKLLGQFTLIGIPPAPRG
VPQIEVTFDIDANGIVHVSADKDKGTGREQQIVIQSSGGLSKDDIENMVKNAEKYAEED
RRKKERVEAVNMAEGIIHDTETKMEEFKDQLPADECNKLKEEISKMRELLARKDSET
GENIRQAASSLQQASLKLFE MAYKKMASEREGSGSSGTGEQKEDQKEEKQ

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; mortalin-2; p66-mortalin; mortalin, perinuclear; heat shock 70kD protein 9B; peptide-binding protein 74; 75 kDa glucose-regulated protein; CSA; MOT; MOT2; GRP-75; HSPA9B; MTHSP75; MGC4500;
Gene ID	3313
mRNA Refseq	NM_004134

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Protein Refseq	NP_004125
MIM	600548
UniProt ID	P38646

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