

Recombinant Human HSPA1A protein, His-tagged

Cat. No. HSPA1A-1402H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSPA1A protein(P0DMV8-1)(Ala2-Asp641(Glu110Asp)), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	N-His
ProteinLength	Ala2-Asp641(Glu110Asp)
Tag	N-His
Form	Supplied as 0.22µm filtered solution in 25mM Tris, 100mM Glycine, 10% Glycerol (pH 7.4).
Bio-activity	
Molecular Mass	The protein has a predicted MW of 72.2 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name HSPA1A heat shock 70kDa protein 1A [Homo sapiens]

Official Symbol HSPA1A

Synonyms HSPA1A; heat shock 70kDa protein 1A; heat shock 70kD protein 1A , HSPA1; heat shock 70 kDa protein 1A/1B; HSP70 1; HSP70-1/HSP70-2; HSP70.1/HSP70.2; heat shock 70kD protein 1A; heat shock-induced protein; heat shock 70 kDa protein 1/2; dnaK-type molecular chaperone HSP70-1; HSP72; HSPA1; HSP70I; HSPA1B; HSP70-1; HSP70-1A; FLJ54303; FLJ54370; FLJ54392; FLJ54408; FLJ75127;

Gene ID 3303

mRNA Refseq NM_005345

Protein Refseq NP_005336

MIM 140550

UniProt ID P08107

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Tris-Bis PAGE



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