

Recombinant Human HSPA8 Protein, His-tagged

Cat. No. HSPA8-069H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant N-terminal Histidine-tagged full length human Hsc70 protein (2-646) was purified from E. coli.
Species	Human
Source	E.coli
ProteinLength	2-646
Description	This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	72.9 kDa
Purity	≥90% as determined by SDS-PAGE
Stability	≥ 1 year
Storage	At -80 centigrade.

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Storage Buffer 50 mM HEPES, pH 8.0, and 150 mM sodium chloride

GENE INFORMATION

Gene Name HSPA8 heat shock protein family A (Hsp70) member 8 [Homo sapiens (human)]

Official Symbol HSPA8

Synonyms HSPA8; heat shock protein family A (Hsp70) member 8; LAP1; HSC54; HSC70; HSC71; HSP71; HSP73; LAP-1; NIP71; HEL-33; HSPA10; HEL-S-72p; heat shock cognate 71 kDa protein; LPS-associated protein 1; N-myristoyltransferase inhibitor protein 71; constitutive heat shock protein 70; epididymis luminal protein 33; epididymis secretory sperm binding protein Li 72p; heat shock 70kDa protein 8; heat shock 70kd protein 10; heat shock cognate protein 54; lipopolysaccharide-associated protein 1; EC 3.6.4.10

Gene ID 3312

mRNA Refseq NM_006597

Protein Refseq NP_006588

MIM 600816

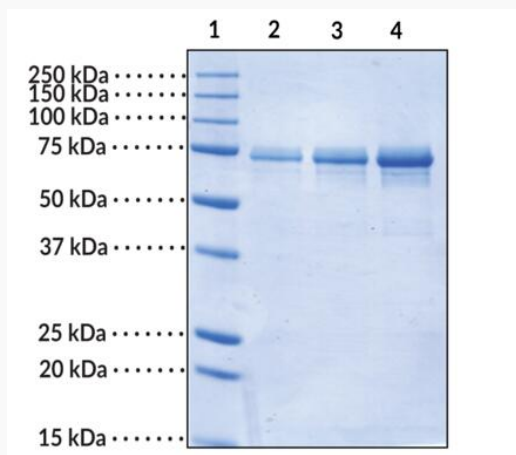
UniProt ID P11142

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**SDS-PAGE analysis
of Hsc70**



Lane 1: MW Markers

Lane 2: Hsc70 (1 µg)

Lane 3: Hsc70 (2 µg)

Lane 4: Hsc70 (4 µg)