

Recombinant Human HSP 71 kDa

Source

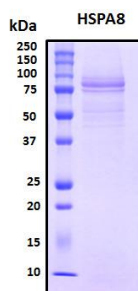
- **Species** Human
- **Gene Symbols** HSPA8
- **Accession Number** P11142
- **Expressed Region** Ser2-Asp646
- **Synonyms** HSP 71 kDa, Heat Shock 70kDa Protein 8, HSP73, Lipopolysaccharide-Associated Protein 1, LPS-Associated Protein 1, HSPA10, HSC70, LAP-1, Epididymis Secretory Sperm Binding Protein Li 72p, N-Myristoyltransferase Inhibitor Protein 71, Constitutive Heat Shock Protein 70, Heat Shock Cognate 71 KDa Protein, Epididymis Luminal Protein 33, Heat Shock Cognate Protein 54, Heat Shock 70 KDa Protein 8, Heat Shock 70kd Protein 10, Heat Shock 70kD Protein 8, HEL-S-72p, HEL-33, HSC54, HSC71, HSP71, NIP71, LAP1.

Preparation

- **Expression System** Human embryonic kidney 293 (HEK293) cells
- **Tag** N-terminal 8x histidine tag
- **Purification** His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC)
- **Purity** >80%
- **Endotoxin Level** <0.5 EU per µg of the protein as determined by the LAL method
- **Purity determined** By SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
- **Molecular Weight** 71 kDa

Protein Specifications

- **Format** Lyophilized powder
- **Formulation** Lyophilized from a 0.2 µm filtered solution in PBS (pH 7.4)
- **Concentration** Determined by BCA protein assay
- **SDS-PAGE Image**



Shipping

The product is shipped with ice packs

Storage/Stability

Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C. For long term storage, it is recommended to store desiccated below -20°C in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20°C. For long term storage, it is recommended to make appropriate aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.

This product is furnished for **LABORATORY RESEARCH USE ONLY**.
Not for diagnostic or therapeutic use.