

Recombinant Human HSPA4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HSPA4-5743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HSPA4 MS Standard C13 and N15-labeled recombinant protein (NP_002145) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	HSPA4 (Heat Shock Protein Family A (Hsp70) Member 4) is a Protein Coding gene. Diseases associated with HSPA4 include Vulvovaginitis and Babesiosis. Among its related pathways are Cellular response to heat stress and Mechanisms of CFTR activation by S-nitrosoglutathione (normal and CF). An important paralog of this gene is HSPA4L.
Molecular Mass	94.2 kDa
AA Sequence	MSVVGIDLGFQSCYVAVARAGGIETIANEYSDRCTPACISFGPKNRSIGAAAKSQVIS NAKNTVQGFKRFRFHGRAFSDFVEAEKSNLAYDIVQLPTGLTGIKVTYMEEERNFTTE QVTAMLLSKLKETAESVLKKPVVDCVVSVPFCFYTDAERRSVMDDTTQIAGLNCLRLMN ETTAVALAYGIYKQDLPALEEKPRNVVFVDMGHSAYQVSVCAFNRGKLKVLATAFDT TLGGRKFDEVLVNHFCFEEFGKKYKLDIKSKIRALLRLSQECEKLKKLMSANASDLPLS IECFMNDVDVSGTMNRGKFLEMCNDLLARVEPLRSVLEQTKLKKEDIYAVEIVGGA TRIPAVKEKISKFFGKELSTTLNADEAVTRGCALQCAILSPAFAKVVREFSITDVVPYPISL RWNSPAEEGSSDCEVFSSKNHAAPFSKVLTFYRKEPFTLEAYYSSPQDLPPDPAIA

 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

QFSVQKVTPQSDGSSSKVKVKVRVNVHGIFSVSSASLVEVHKSEENEPMETDQNA
 KEEKMQVDQEEPHVEEQQQQTPAENKAEESEEMETSQAGSKDKKMDQPPQAKKA
 KVKTSTVDLPIENQLLWQIDREMLNLYIENEGKMIMQDKLEKERNDAKNAVEEYVYE
 MRDKLSGEYEKFVSEDDRNSFTLKLEDTENWLYEDGEDQPKQVYVDKLAELKNLG
 QPIKIRFQESEERPKLFEELGKQIQQYMKIISFKNKEDQYDHDAADMTKVEKSTNE
 AMEWMNNKLNQNKQSLTMDPVVKSKEIEAKIKELTSTCSPIISKPKPKVEPPKEEQK
 NAEQNGPVDGQGDNPGPQAAEQGTDTAVPSSDKKLPEMDIDTRTRPLEQKLISEE
 DLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name HSPA4 heat shock 70kDa protein 4 [Homo sapiens (human)]

Official Symbol HSPA4

Synonyms HSPA4; heat shock 70kDa protein 4; heat shock 70kD protein 4; heat shock 70 kDa protein 4; HS24/P52; hsp70 RY; HSPH2; heat shock protein, 110 kDa; heat shock 70-related protein APG-2; RY; APG-2; hsp70; hsp70RY; MGC131852;

Gene ID 3308

 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

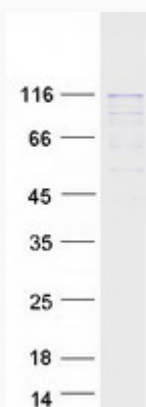
mRNA Refseq [NM_002154](#)

Protein Refseq [NP_002145](#)

MIM [601113](#)

UniProt ID [P34932](#)

SDS-PAGE



 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