

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
 QVTAMLLSKLKETAESVLKPKVDCVVSVPFCFYTDAERRSVMDTTQIAGLNCLRLMN
 ETTAVALAYGIYKQDLPALEEKPRNVVFVDMGHSAYQVSVCAFNRGKLKVLATAFDT
 TLGGRKFDEVLVNHFCEEFGKKYKLDIKSKIRALLRLSQECEKLLKMSANASDLPLS
 IECFMNDVDVSGTMNRGKFLEMCNDLLARVEPPLRSVLEQTKLKKEDIYAVEIVGGA
 TRIPAVKEKISKFFGKELSTTLNADEAVTRGCALQCAILSPAFKVREFSITDVVPYPISL
 RWNSPAEEGSSDCEVFSKNHAAPFSKVLTFYRKEPFTLEAYYSSPQDLPYPDPAIA

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

QFSVQKVTPQSDGSSSKVKVKVRVNVHGIFSVSSASLVEVHKSEENEEMETDQNA
 KEEKMQVDQEEPHVEEQQQQTPAENKAESEEMETSQAGSKDKKMDQPPQAKKA
 KVKTSTVDLPIENQLLWQIDREMLNLYIENEGKMIMQDKLEKERNDAKNAVEEYVYE
 MRDKLSGEYEKFSVSEDDRNSFTLKLEDTENWLYEDGEDQPKQVYVDKLAELKNLG
 QPIKIRFQESEERPKLFEELGKQIQQYMKIISSEFKNKEDQYDHDAADMTKVEKSTNE
 AMEWMNNKLNQNKQSLTMDPVVKSKEIEAKIKELTSTCSPIISKPKPKVEPPKEEQK
 NAEQNGPVDGQGDNPGPQAAEQGTDTAVPSDSKLPEDIDTRTRPLEQKLISEE
 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

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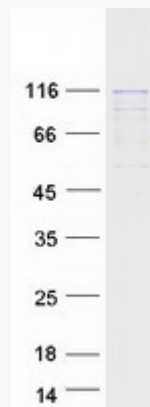
mRNA Refseq [NM_002154](#)

Protein Refseq [NP_002145](#)

MIM [601113](#)

UniProt ID [P34932](#)

SDS-PAGE



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