

Recombinant Human HSPA2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HSPA2-6536H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HSPA2 MS Standard C13 and N15-labeled recombinant protein (NP_068814) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	HSPA2 (Heat Shock Protein Family A (Hsp70) Member 2) is a Protein Coding gene. Diseases associated with HSPA2 include Crohn's Disease and Varicocele. Among its related pathways are Cellular response to heat stress and Meiosis. Gene Ontology (GO) annotations related to this gene include enzyme binding and glycolipid binding. An important paralog of this gene is HSPA8.
Molecular Mass	70 kDa
AA Sequence	MSARGPAIGIDLGTYSVGVFQHGKVEIANDQGNRTTPSYVAFTDTERLIGDAAKN QVAMNPTNTIFDAKRLIGRKFEATVQSDMKHWPFRVSEGGKPKVQVEYKGETKT FFPEEISSMVLTKMKEIAEAYLGKGVHSAVITVPAYFNDSQRQATKDAGTITGLNVLRI INEPTAAAIAYGLDKKGCAGGEKNVLFIDLGGGTFDVSILTIEDGIFEVKSTAGDTHLG GEDFDNRMVSHLAEFEKFKHKKDIGPNKRAVRRLRTACERAKRTLSSSTQASIEIDS LYEGVDFYTSITRARFEELNADLFRGTLEPVEKALRDAKLDKGQIQEIVLVGGSTRIPK IQKLLQDFFNGKELNKSINPDEAVAYGAAVQAAILIGDKSENVQDLLLLDVTPLSLGIE TAGGVMTPLIKRNNTTIPTKQTQTFTTYSQSSVLVQVYEGERAMTKDNNLLGKFDL

 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

TGIPPAPRGVPQIEVTFDIDANGILNVTAADKSTGKENKITITNDKGRLSKDDIDRMVQ
EAERYKSEDEANRDRVAAKNALESYTYNIKQTVEDEKLRGKISEQDKNKILDKCQEV
NWLDRNQMAEKDEYEHKQKELERV CNPIISKLYQGGPGGGSGGGSGASGGPTIE
EVDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 HSPA2 heat shock 70kDa protein 2 [Homo sapiens (human)]

Official Symbol HSPA2

Synonyms HSPA2; heat shock 70kDa protein 2; heat shock 70kD protein 2; heat shock-related 70 kDa protein 2; HSP70-2; HSP70-3;

Gene ID 3306

mRNA Refseq NM_021979

Protein Refseq NP_068814

 Tel: 1-631-559-9269 1-516-512-3133

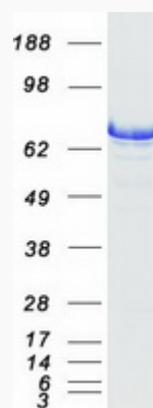
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 140560

UniProt ID P54652

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