

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

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

## SPECIFICATION

<b>Product Overview</b>	HSPA2 MS Standard C13 and N15-labeled recombinant protein (NP_068814) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	70 kDa
<b>AA Sequence</b>	MSARGPAIGIDLGTTYSCVGVFQHGKVEIANDQGNRTTPSYVAFTDTERLIGDAAKN QVAMNPTNTIFDAKRLIGRKFEDATVQSDMKHWPFRV VSEGGKPKVQVEYKGETKT FFPEEISSMVLTKMKEIAEAYLGGKVHSAVITVPAYFNDSQRQATKDAGTITGLNVLRI INEPTAAAIAAYGLDKKGCAGGEKNLIFDLGGGTFDVSILTIEDGIFEVKSTAGDTHLG GEDFDNRMVSHLAEFVKRKHKKDIGPNKRAVRRRLTACERAKRTLSSSTQASIEIDS LYEGVDFYTSITRARFEELNADLFRGTLPEVEKALRDAKLDKGQIQEIVLVGGSTRIPK IQKLLQDFNKGKELNKSINPDEAVAYGAAVQAAAILIGDKSENVQDLLLLDVTPLSLIGIE TAGGVMTPLIKRNTTIPTKQTQTFTTYSQSSVLVQVYEGERAMTKDNNLLGKFDL

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TGIPPAPRGVPQIEVTFDIDANGILNVTAADKSTGKENKITITNDKGRLSKDDIDRMVQ  
 EAERYKSEDEANRDRVAAKNALESYTYNIKQTVEDEKLRGKISEQDKNKILDKCQEVI  
 NWLDRNQMAEKDEYEHKQKELERV CNPIISKLYQGGPGGGSGGGGSGASGGPTIE  
 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

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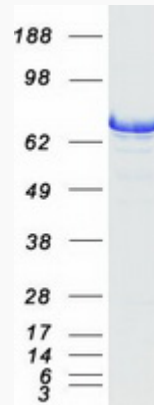
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MIM 140560

UniProt ID P54652

SDS-PAGE



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