

Recombinant Full Length Human HSPA2 Protein, GST-tagged

Cat. No. HSPA2-3817HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSPA2 full-length ORF (AAH01752, 1 a.a. - 639 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	639 amino acids
Description	HSPA2 (Heat Shock Protein Family A (Hsp70) Member 2) is a Protein Coding gene. Diseases associated with HSPA2 include Varicocele and Inflammatory Bowel Disease 3. Among its related pathways are mRNA Splicing - Major Pathway and Proteolysis Role of Parkin in the Ubiquitin-Proteasomal Pathway. GO annotations related to this gene include enzyme binding and glycolipid binding. An important paralog of this gene is HSPA8.
Molecular Mass	96.03 kDa
AA Sequence	MSARGPAIGIDLGTYSVGVFQHGKVEIIANDQGNRTTPSYVAFTDTERLIGDAAKN QVAMNPTNTIFDAKRLIGRKFGDATVQSDMKHWPFRVSEGGKPKVQVEYKGETKT FFPEEISSMVLTKMKEIAEAYLGKGVHSAVITVPAYFNDSQRQATKDAGTITGLNVLRI INEPTAAAIAYGLDKKGCAGGEKNVLIFDLGGGTFDVSILTIEDGIFEVKSTAGDTHLG GEDFDNRMVSHLAEFEKRRKHKKDIGPNKRAVRRRLTACERAKRTLSSSTQASIEIDS LYEGVDFYTSITRARFEELNADLFRGTLEPVEKALRDAKLDKGQIQEIVLVGGSTRIPK IQKLLQDFFNGKELNKSINPDEAVAYGAAVQAAILIGDKSENVQDLLLLDVTPLSLGIE

 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

TAGGVMTPLIKRNTTIPTKQTQTFTTYSQSSVLVQVYEGERAMTKDNNLLGKFDL
TGIPPAPRGVPQIEVTFDIDANGILNVTAADKSTGKENKITITNDKGRLSKDDIDRMVQ
EAERYKSEDEANRDRVAAKNALESYTYNIKQTVEDEKLRGKISEQDKNKILDKCQEV
NWLDRNQMAEKDEYEHKQKELERV CNPIISKLYQGGPGGGSGGGSGASGGPTIE
EVD

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

HSPA2 heat shock 70kDa protein 2 [Homo sapiens]

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
------------	--------

 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