

## Recombinant Human HSPA2 Protein, GST-tagged

Cat. No. HSPA2-5105H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human HSPA2 full-length ORF ( AAH01752, 1 a.a. - 639 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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.
<b>Molecular Mass</b>	96.03 kDa
<b>AA Sequence</b>	MSARGPAIGIDLGTTYSCVGVFQHGKVEIANDQGNRTTPSYVAFTDTERLIGDAAKN QVAMNPTNTIFDAKRLIGRKFGDATVQSDMKHWPFRVSEGGKPKVQVEYKGETKT FFPEEISSMVLTKMKEIAEAYLGGKVHSAVITVPAYFNDSQRQATKDAGTITGLNVLRI INEPTAAAIAAYGLDKKGCAGGEKNLIFDLGGGTFDVSILTIEDGIFEVKSTAGDTHLG GEDFDNRMVSHLAEFVKRKHKKDIGPNKRAVRRRLTACERAKRTLSSSTQASIEIDS LYEGVDFYTSITRARFEELNADLFRGTLPEVEKALRDAKLDKGQIQEIVLVGGSTRIPK IQKLLQDFNKGKELNKSINPDEAVAYGAAVQAAAILIGDKSENVQDLLLDDVTPLSLGIE TAGGVMTPLIKRNTTIPTKQTQTFTTYSQSSVLVQVYEGERAMTKDNNLLGKFDL

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TGIPPAPRGVPQIEVTFDIDANGILNVTAADKSTGKENKITITNDKGRLSKDDIDRMVQ  
 EAERYKSEDEANRDRVAAKNALESYTYNIKQTVEDEKLRGKISEQDKNKILDKCQEVI  
 NWLDRNQMAEKDEYEHKQKELERV CNPIISKLYQGGPGGGSGGGGSGASGGPTIE  
 EVD

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	HSPA2 heat shock 70kDa protein 2 [ Homo sapiens ]
<b>Official Symbol</b>	HSPA2
<b>Synonyms</b>	HSPA2; heat shock 70kDa protein 2; heat shock 70kD protein 2; heat shock-related 70 kDa protein 2; HSP70-2; HSP70-3;
<b>Gene ID</b>	3306
<b>mRNA Refseq</b>	NM_021979
<b>Protein Refseq</b>	NP_068814

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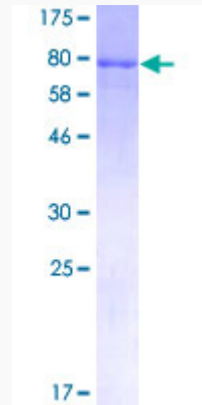
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**MIM** 140560

**UniProt ID** P54652

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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