

Recombinant Human HSPA2 Protein, GST-tagged

Cat. No. HSPA2-5105H **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	Wheat Germ
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	MSARGPAIGIDLGTTYSCVGVFQHGKVEIIANDQGNRTTPSYVAFTDTERLIGDAAKN QVAMNPTNTIFDAKRLIGRKFGDATVQSDMKHWPFRVSEGGKPKVQVEYKGETKT FFPEEISSMVLTKMKEIAEAYLGKVVHSAVITVPAYFNDSQRQATKDAGTITGLNVLRI INEPTAAAIAYGLDKKGCAGGEKNVLIFDLGGGTFDVSILTIEDGIFEVKSTAGDTHLG GEDFDNRMVSHLAEFEKRRKHKKDIGNKRAVRRLRTACERAKRTLSSSTQASIEIDS LYEGVDFYTSITRARFEELNADLFRGTLEPVEKALRDAKLDKGQIQEIVLVGGSTRIPK IQKLLQDFFNGKELNKSINPDEAVAYGAQAAIIGDKSENVQDLLLLDVTPLSLGIE TAGGVMTPLIKRNTTIPTKQTQTFTTYSQSSVLVQVYEGERAMTKDNNLLGKFDL

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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](#)

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MIM 140560

UniProt ID P54652

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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