Recombinant Human HSPA4, GST-tagged

Cat. No. HSPA4-8938H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSPA4 was expressed as gst-tagged fusion protein by E.Coli and puri?ed by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	False
Description	Heat shock 70 kDa protein 4 is a protein that in humans is encoded by the HSPA4 gene. The protein encoded by this gene was originally suggested to be a member of the heat shock protein 70 family. However it is now known that human HSPA4 is an equivalent to mouse the Apg-2 protein and is a member of the Hsp110 family.
AA Sequence	C-161aa
Storage	The protein is stored in PBS bu?er at -20 oC. Repeated freeze-thaw cycles should be avoided.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	HSPA4 heat shock 70kDa protein 4 [Homo sapiens (human)]

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Official Symbol	HSPA4
Synonyms	HSPA4; RY; APG-2; HSPH2; hsp70; hsp70RY; HEL-S-5a; HS24/P52; heat shock 70kDa protein 4; heat shock 70 kDa protein 4; hsp70 RY; heat shock 70kD protein 4; heat shock protein, 110 kDa; heat shock 70-related protein APG-2; epididymis secretory sperm binding protein Li 5a
Gene ID	3308
mRNA Refseq	NM_002154
Protein Refseq	NP_002145
MIM	601113
UniProt ID	P34932
Chromosome Location	5q31.1
Pathway	Antigen processing and presentation; Parkin-Ubiquitin Proteasomal System pathway; Validated targets of C-MYC transcriptional activation
Function	ATP binding

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