

Recombinant Full Length Human HSPA12B Protein, GST-tagged

Cat. No. HSPA12B-3809HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSPA12B full-length ORF (BAB71261.1, 1 a.a. - 686 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	686 amino acids
Description	The protein encoded by this gene contains an atypical heat shock protein 70 (Hsp70) ATPase domain and is therefore a distant member of the mammalian Hsp70 family. This gene may be involved in susceptibility to atherosclerosis. [provided by RefSeq]
Molecular Mass	102.1 kDa
AA Sequence	MLAVPEMGLQGLYIGSSPERSPVSPSPGSPRTQESCGIAPLTPSQSPKPEVRAPQQ ASFSVVVAIDFGTTSSGYAFSASDPEAIHMMRKWEGGDPGVAHQKTPTCLLLTPE GAFHSFGYTARDYYHDLDP EEARDWLYFEKFKMKIHSATDLTLKTQLEAVNGKTMP ALEVFAHALRFFREHALQELREQSPSLPEKDTV RVWLTVP AIWKQPAKQFMREAA Y LAGLV SRENAEQLLIALEPEAASVYCRKLRLHQLLDLSGRAPGGGRLGERRSIDSSF RQAREQLRRSRHSRTFLVD SGV GELWAEMQAGDRYVVADCGGGTVDLTVHQLEQ PHGTLKELYKASGGPYGAVGVDLAFEQLLCRIFGEDFIATFKRQRPAAWVDLTIAFEA RKRTAGPHRAGALNISLPFSFIDFYRKQRGHNVETALRRSSVNFVKWSSQGMLRMS CEAMNELFQPTVSGIIQHIEALLARPEVQGVKLLFLVGGFAESA VLQH AVQAALGAR

 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

GLRVVPHDVGLTILKGAVLFGQAPGVVRVRRSPLTYGVGVNRFVPGRHPPEKLL
VRDGRRWCTDVFERFVAAEQSVALGEEVRRSYCPARPGQRRVLINLYCCAAEDAR
FITDPGVRKCGALSLELEPADCGQDTAGAPPGRREIRAAMQFGDTEIKVTAVDVSTN
RSVRASIDFLSN

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 [HSPA12B heat shock 70kD protein 12B \[Homo sapiens \]](#)

Official Symbol [HSPA12B](#)

Synonyms HSPA12B; heat shock 70kD protein 12B; C20orf60, chromosome 20 open reading frame 60; heat shock 70 kDa protein 12B; dJ1009E24.2; C20orf60; FLJ32150; MGC131912;

Gene ID [116835](#)

mRNA Refseq [NM_001197327](#)

Protein Refseq [NP_001184256](#)

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MIM	610702
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UniProt ID	Q96MM6
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