

Recombinant Human HSPA12B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HSPA12B-5492H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HSPA12B MS Standard C13 and N15-labeled recombinant protein (NP_443202) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	75.7 kDa
AA Sequence	MLAVPEMGLQGGLYIGSSPERSPVSPPGSPRTQESCGIAPLTPSQSPKPEVRAPQQ ASFSVVVAIDFGTTSSGYAFSFASDPEAIHMMRKWEGGDPGVAHQKTPTCLLLTPE GAFHSFGYTARDYYHDLDP EEARDWLYFEKFKMKIHSATDLTLKTQLEAVNGKTMP ALEVFAHALRFFREHALQELREQSPSLPEKDTV RVVLTVP AIWKQPAKQFMREAA Y LAGLVSRENAEQLLIALEPEAASVYCRKLRLHQLLDLSGRAPGGGRLGERRSIDSSF RQAREQLRRSRHSRTFLVESGVGELWAEMQAGDRYVVADCGGGTVDLTVHQLEQ PHGTLKELYKASGGPYGAVGVDLAFEQLLCRIFGEDFIATFKRQRPAAWVDLTIAFEA RKRTAGPHRAGALNISLPFSFIDFYRKQRGHN VETALRRSSVNFVKWSSQGMLRMS CEAMNELFQPTVSGIIQHIEALLARPEVQGVKLLFLVGGFAESAVLQH 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
RSVRASIDFLSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name HSPA12B heat shock 70kD protein 12B [Homo sapiens (human)]

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_052970

Protein Refseq NP_443202

 Tel: 1-631-559-9269 1-516-512-3133

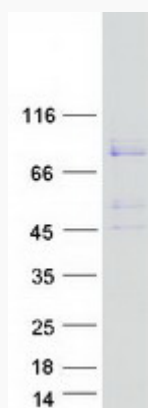
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 610702

UniProt ID Q96MM6

SDS-PAGE



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