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	MLAVPEMGLQGLYIGSSPERSPVPSPPGSPRTQESCGIAPLTPSQSPKPEVRAPQQ ASFSVVVAIDFGTTSSGYAFSFASDPEAIHMMRKWEGGDPGVAHQKTPTCLLLTPE GAFHSFGYTARDYYHDLDPEEARDWLYFEKFKMKIHSATDLTLKTQLEAVNGKTMP ALEVFAHALRFFREHALQELREQSPSLPEKDTVRWVLTVPAIWKQPAKQFMREAAY LAGLVSRENAEQLLIALEPEAASVYCRKLRLHQLLDLSGRAPGGGRLGERRSIDSSF RQAREQLRRSRHSRTFLVESGVGELWAEMQAGDRYVVADCGGGTVDLTVHQLEQ PHGTLKELYKASGGPYGAVGVDLAFEQLLCRIFGEDFIATFKRQRPAAWVDLTIAFEA RKRTAGPHRAGALNISLPFSFIDFYRKQRGHNVETALRRSSVNFVKWSSQGMLRMS CEAMNELFQPTVSGIIQHIEALLARPEVQGVKLLFLVGGFAESAVLQHAVQAALGAR

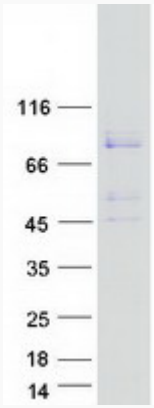
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	GLRVVVPHDVGLTILKGAVLFGQAPGVVRVRRSPLTYGVGVLNRFVPGRHPPEKLL VRDGRRWCTDVFERFVAAEQSVALGEEVRRSYCPARPGQRRVLINLYCCAAEDAR FITDPGVRKCGALSLELEPADCGQDTAGAPPGRREIRAAMQFGDTEIKVTAVDVSTN RSVRASIDFLSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE 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

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MIM	610702
UniProt ID	Q96MM6
SDS-PAGE	

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