

## Product datasheet for PH311102

### HSPA12B (NM\_052970) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HSPA12B MS Standard C13 and N15-labeled recombinant protein (NP_443202)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211102
Predicted MW:	75.7 kDa
Protein Sequence:	>RC211102 protein sequence Red=Cloning site Green=Tags(s)

MLAVPEMGLQGLYIGSSPERSPVSPGSPRTQESCGIAPLTPSQSPKPEVRAPQQASFSVVVAIDFGTT  
SSGYAFSFDPEAIHMMRWEGDGPVAHQKTPCLLLTPEGAFHSFGYTARDYYHDLDPPEARDWLYF  
EKFKMKIHSATDLTKTQLEAVNGKMPALEVFAHALRFFREHALQELREQSPSLPEKDTVRWVLTVP  
WKQPAKQFMREAAAYLAGLVSRNAEQLLIALEPEAASVYCRKLRHLQLLDLSGRAPGGGRLGERRSIDSS  
FRQAREQLRRSRHSRTFLVESGVGELWAEMQAGDRYVVADCGGGTVDLTVHQLEQPHGTLKELYKASGGP  
YGAVGVDLAFEQLLCRIFGEDFIATFKRQRPAAWVDLTIAFEARKRTAGPHRAGALNISLPFSFIDFYRK  
QRGHNVETALRRSSVNFVKWSSQGLRMSCEAMNELFQPTVSGIQHIEALLARPEVQGVKLLFLVGGFA  
ESAVLQHAVQAALGARGLRVVVPHDVGLTILKGAVLFGQAPGVVRRSPLTYGVGLNRFVPGRHPPEK  
LLVRDGRRWCTDVFERFVAAEQSVALGEEVRRSYCPARPGQRRVLIINLYCAAEDARFITDPGVRKCGAL  
SLELEPADCGQDTAGAPPGRREIRAAMQFGDTEIKVTAVDVSTNRSVRASIDFLSN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_443202</a>
RefSeq Size:	3178



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RefSeq ORF: 2058

Synonyms: C20orf60

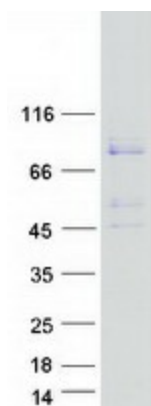
Locus ID: 116835

UniProt ID: [Q96MM6](#)

Cytogenetics: 20p13

**Summary:** 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. [provided by RefSeq, Dec 2015]

### Product images:



Coomassie blue staining of purified HSPA12B protein (Cat# [TP311102]). The protein was produced from HEK293T cells transfected with HSPA12B cDNA clone (Cat# [RC211102]) using MegaTran 2.0 (Cat# [TT210002]).