

## Product datasheet for **TP311102M**

### **HSPA12B (NM\_052970) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human heat shock 70kD protein 12B (HSPA12B), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211102 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLAVPEMGLQGLYIGSSPERSPVSPSPGSPRTQESCGIAPLTPSQSPKPEVRAPQQASFSVVAIDFGTT  
SSGYAFSASDPEAIHMMRKWEGDGPVAHQKTPTCLLLTPEGAFHSFGYTARDYYHDLDPPEARWLYF  
EKFKMKIHSATDLTKTQLEAVNGKTMPALEVFAHALRFFREHALQELREQSPSLPEKDTVRWVLTVP  
WKQPAKQFMREAAAYLAGLVSRENAEQLLIALEPEAASVYCRKRLRHQLLDLSGRAPGGGRLGERRSIDSS  
FRQAREQLRRSRHSRTFLVESGVGELWAEMQAGDRYVWADCGGGTVDLTVHQLEQPHGTLKELYKASGGP  
YGAVGVDLAFEQLLCRIFGEDFIATFKRQRPAAWVDLTIAFEARKRTAGPHRAGALNISLPFSFIDFYRK  
QRGHNVETALRRSSVNFVKWSSQGMRLMSCEAMNELFQPTVSGIIQHIEALLARPEVQGVKLLFLVGGFA  
ESAVLQHAVQAALGARGLRVWPHDVGLTILKGAVLFGQAPGVVRRSPLTYGVGLNRFVPRGHPPEK  
LLVRDGRWCTDVFERFVAAEQSVALGEEVRRSYCPARPGQRRVLINLYCCAEDARFITDPGVRKCGAL  
SLELEPADCGQDTAGAPPGRREIRAAMQFGDTEIKVTAVDVSTNRSVRASIDFLSN

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

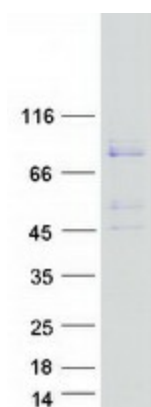
Tag:	C-Myc/DDK
Predicted MW:	75.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_443202</a>
<b>Locus ID:</b>	116835
<b>UniProt ID:</b>	<a href="#">Q96MM6</a>
<b>RefSeq Size:</b>	3178
<b>Cytogenetics:</b>	20p13
<b>RefSeq ORF:</b>	2058
<b>Synonyms:</b>	C20orf60
<b>Summary:</b>	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]).