

Product datasheet for PH320525

HSPB3 (NM_006308) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HSPB3 MS Standard C13 and N15-labeled recombinant protein (NP_006299)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220525
Predicted MW:	17 kDa
Protein Sequence:	>RC220525 protein sequence Red=Cloning site Green=Tags(s) MAKIILRHLIEIPVRYQEEFEARGLEDRCRLDHALYALPGPTIVDLRKTRAAQSPPVDSAAETPPREGKSH FQILLDVVQFLPEDIIITQTFEGWLLIKAQHGTRMDEHGFISRSFTRQYKLPDGVEIKDLSAVLCHDGILV VEVKDPVGTK 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:	NP_006299
RefSeq Size:	787
RefSeq ORF:	450
Synonyms:	DHMN2C; HMN2C; HSPL27
Locus ID:	8988
UniProt ID:	Q12988 , Q6ICS9

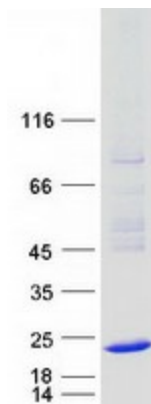


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Cytogenetics: 5q11.2

Summary: This gene encodes a muscle-specific small heat shock protein. A mutation in this gene is the cause of autosomal dominant distal hereditary motor neuropathy type 2C.[provided by RefSeq, Sep 2010]

Product images:



Coomassie blue staining of purified HSPB3 protein (Cat# [TP320525]). The protein was produced from HEK293T cells transfected with HSPB3 cDNA clone (Cat# [RC220525]) using MegaTran 2.0 (Cat# [TT210002]).