

Product datasheet for PH308162

MYBPH (NM_004997) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MYBPH MS Standard C13 and N15-labeled recombinant protein (NP_004988)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208162
Predicted MW:	52.1 kDa
Protein Sequence:	>RC208162 protein sequence Red=Cloning site Green=Tags(s)

MMEKNTSEGPACSPHEETASESAKVPTAEPPEVAVSESTREEQVPKPQAPAPQAPTASTATKPAPPSSEV
PSAPLLLTLDDVSSSVTVSWEPPERLGRGLQGYVLELCREGASEWVPVSARPMVMTQQTVRNALGDK
FLLRVSAVSSAGAPPAMDQPIHIRENIEAPKIRVPRHLRQTYIRQVGETVNLQIPFQGKPKPQATWTH
NGHALDSQRVSMRTGDQDSILFIRSAQRSDSGRYELTVRVEDLEAKAVIDILVIEKPGPPSSIRLLDVWG
CNAALQWTPPQDTGNTELLGYMVQKADKKTGWFTVLERYPHTTCTISDLIIGNSYFRVFSENLCGLST
SATVTKELAHIQKADIAAKPKGFIERDFSEAPSFQPLADHTSTPGYSTQLFCSVRASPKPKIIWMKNKM
EIQGNPKYRALSEQGVCTLEIRKPSPFDSGVYTCKAINVLGEASVDCRLEVKASAAH

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_004988</u>
RefSeq Size:	1806
RefSeq ORF:	1431
Locus ID:	4608



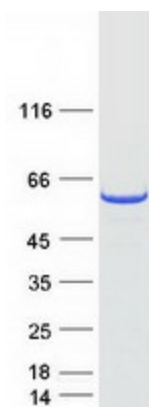
[View online »](#)

UniProt ID: [Q13203](#)

Cytogenetics: 1q32.1

Summary: Binds to myosin; probably involved in interaction with thick myofilaments in the A-band.
[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MYBPH protein (Cat# [TP308162]). The protein was produced from HEK293T cells transfected with MYBPH cDNA clone (Cat# [RC208162]) using MegaTran 2.0 (Cat# [TT210002]).