

Product datasheet for PH307354

PABP (PABPC1) (NM_002568) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PABPC1 MS Standard C13 and N15-labeled recombinant protein (NP_002559)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207354
Predicted MW:	70.5 kDa
Protein Sequence:	>RC207354 representing NM_002568 Red=Cloning site Green=Tags(s)

MNPSAPSYPMASLYVGDLPDVTEAMLYEKFSPAGPILSIRVCRDMITRRSLGYAYVNFQQPADAERALD
TMNFDVIKGGKPVIMWSQRDPSLRKSGVGNIFIKNLDKSIDNKALYDTFSAFGNILSCKVVCDENGSKGY
GFVHFETQEAAERAIEKMNGMLLNDRKVFVGRFKSRKEREAEELGARAKEFTNVYIKNFGEDMDDERLKD
FGKFGPALSVKVMTDESGKSKGFGVFSFERHEDAQKAVDEMNGKELNGKQIYVVGRAQKKVERQTELKRF
EQMKQDRITRYQGVNLVYKLNDDGIDDERLRKEFSFGTITSKAVMMEGGRSKGFGVCFSSPEEATKAV
TEMNGRIVATKPLYVALAQRKEERQHLTNQYQRMASVRAVNPVINPYQPAPPSGYFMAAIPQTQNR
AYPPSQIAQLRPSRWTAQGARPHFPQNMPGAIRPAAPRPPFSTMRPASSQVPRVMSTQRVANTSTQTM
GPRPAAAAAATPAVRTVPQYKYAAGVRNPQQHLNAQPQVTMQQPAVHVQGOEPLTASMLASAPPQEQKQ
MLGERLFPLIQAMHPTLAGKITGMLLEIDNSELLHMLESPESLSKVVDEAVAVLQAHQAKEAAQKAVNSA
TGVPTV

SGPTRTRRLEQKLI SEEDLAANDILDYKDDDDKV

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_002559
RefSeq Size:	2869

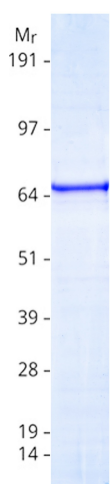


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RefSeq ORF:	1908
Synonyms:	PAB1; PABP; PABP1; PABPC2; PABPL1
Locus ID:	26986
UniProt ID:	P11940 , A0A024R9C1
Cytogenetics:	8q22.3

Summary: This gene encodes a poly(A) binding protein. The protein shuttles between the nucleus and cytoplasm and binds to the 3' poly(A) tail of eukaryotic messenger RNAs via RNA-recognition motifs. The binding of this protein to poly(A) promotes ribosome recruitment and translation initiation; it is also required for poly(A) shortening which is the first step in mRNA decay. The gene is part of a small gene family including three protein-coding genes and several pseudogenes.[provided by RefSeq, Aug 2010]

Product images:



Coomassie blue staining of purified PABPC1 protein (Cat# [TP307354]). The protein was produced from HEK293T cells transfected with PABPC1 cDNA clone (Cat# [RC207354]) using MegaTran 2.0 (Cat# [TT210002]).