

AR50051PU-N**Human MYCBP (1-103, His-tag) - Purified**

Alternate names:	AMY-1, AMY1, C-Myc-binding protein
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	MYCBP, also known as c-Myc binding protein, binds to the transactivation domain of c-Myc and stimulates the activation of E-box-dependent transcription. It translocates from the cytoplasm to the nucleus during S phase when increased expression of c-Myc occurs. It has also been shown to associate with AKAP 149 and AKAP 84 in mitochondria of somatic cells and sperm, which suggests a role for MYCBP in spermatogenesis.
Uniprot ID:	Q99417
NCBI:	NP_036465
GeneID:	26292
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Description:	Recombinant human MYCBP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MAHYKAADSK REQFRYLEK SGVLDLT LTKV LVALYEEPEK PNSALDFLKH HLGAATPENP EIELLRLELA EMKEYEAI V EENKKLKAKL AQYEPPEEK RAE Molecular weight: 14.1 kDa (123aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Furusawa M. et al. (2001) J. Biol. Chem. 276: 36647-36651. Yukitake H. et al. (2002) J. Biol. Chem. 277: 45480-45492.

Pictures:

