

## Product datasheet for **AR50051PU-S**

### MYCBP (1-103, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	MYCBP (1-103, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MAHYKAADSK REQFRRYLEK SGVLDLTKV LVALYEEPEK PNSALDFLKH HLGAAATPENP EIELLRLELA EMKEKYEAIV EENKCLKAKL AQYEPPEEK RAE
Tag:	His-tag
Predicted MW:	14.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MYCBP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_036465</a>
Locus ID:	26292
UniProt ID:	<a href="#">Q99417</a>
Cytogenetics:	1p34.3
Synonyms:	AMY-1



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**Summary:**

The protein encoded by this gene binds to the N-terminus of the oncogenic protein C-MYC, enhancing the ability of C-MYC to activate E box-dependent transcription. The encoded protein is normally found in the cytoplasm, but it translocates to the nucleus during S phase of the cell cycle and associates with C-MYC. This protein may be involved in spermatogenesis. This gene can be silenced by microRNA-22. Two transcript variants, one protein-coding and the other probably not protein-coding, have been found for this gene. [provided by RefSeq, Nov 2011]

**Protein Families:**

ES Cell Differentiation/IPS, Transcription Factors

**Product images:**