

Recombinant Human C-Myc Binding Protein, His-tagged

Cat. No. MYCBP-6874H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MYCBP protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography. MW: 14.1 kDa.
Species	Human
Source	E.coli
ProteinLength	1-103aa
Description	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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl,1mM DTT.
Molecular Mass	14.1 kDa (123aa), confirmed by MALDI-TOF.
AA Sequence	MGSSHHHHHH SSGLVPRGSH MAHYKAADSK REQFRYLEK SGVLDLTCLKV LVALYEEPEK PNSALDFLKH HLGAATPENP EIELLRLELA EMKEKYEAI EENKKLKAKL AQYEPPQEEK RAE
Purity	>95% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	MYCBP c-myc binding protein [Homo sapiens]
Official Symbol	MYCBP
Synonyms	MYCBP; c-myc binding protein; C-Myc-binding protein; AMY 1; associate of myc 1; associate of myc-1; AMY-1; FLJ41056;
Gene ID	26292
mRNA Refseq	NM_012333
Protein Refseq	NP_036465
MIM	606535
UniProt ID	Q99417
Chromosome Location	1p33-p32.2
Pathway	Notch signaling pathway, organism-specific biosystem;
Function	protein binding; transcription coactivator activity;

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