

## 32-4258: Recombinant Human C-Myc Binding Protein

**Alternative Name :** C-Myc-binding protein,Associate of Myc 1,AMY-1,MYCBP,AMY1,FLJ41056.

### Description

Source : Escherichia Coli. MYCBP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 123 amino acids (1-103 a.a.) and having a molecular mass of 14.1kDa.MYCBP is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. MYCBP is a member of the AMY1 family. MYCBP (c-Myc binding protein) binds to the transactivation domain of c-Myc and stimulates the activation of E-box-dependent transcription. MYCBP translocates from the cytoplasm to the nucleus during S phase when increased expression of c-Myc occurs. MYCBP also associates with AKAP 149 and AKAP 84 in mitochondria of somatic cells and sperm, suggesting a role for MYCBP in spermatogenesis. MYCBP is highly expressed in the heart, placenta, pancreas, skeletal muscle and kidney. It is also present at low levels in the lung.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	MYCBP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SGLVPRGSH MAHYKAADSK REQFRYLEK SGVLDLTKV LVALYEEPEK PNSALDFLKH HLGAATPENP EIELLRLELA EMKEYEIV EENKCLKAKL AQYEPPEEK RAE.

