
Product Data Sheet

Product Name: MYCBP Human
 Cat. No.: GP23979
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C-Myc-binding protein; Associate of Myc 1; AMY-1; MYCBP; AMY1; FLJ41056.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MAHYKAADSK REQFRRYLEK SGVLDLTKV LVALYEEPEK PNSALDFLKH HLGAATPENP EIELLRLELA EMKEKYEIV EENKKLKAKL AQYEPPQEEK RAE.		
Formulation	MYCBP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.		

Introduction

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.

Stability

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.

Background

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

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proprietary chromatographic techniques.

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