



**RYBP, 1-228aa, Human, His tag, E.coli**

**Cat.NO.: TP03816**

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3th Edition

**Synonyms:**RING1 and YY1 binding protein, AAP1, DEDAF, YEAF1

**Description:**RYBP (RING1- and YY1-binding protein) is a member of the polycomb group (PcG). This protein interacts with MDM2 and decreases MDM2-mediated p53 ubiquitination, leading to stabilization of p53 and an increase in p53 activity. RYBP induces cell-cycle arrest and is involved in the p53 response to DNA damage. RYBP has been shown to interact with RING1, YY1, Caspase 10, E2F3, E2F2, Mdm2, Abl gene and CBX2.

**Form:**Liquid. In 20 mM Tris-HCl buffer, pH8.0, 20% glycerol, 1mM DTT, 100mM NaCl

**Molecular Weight:**27.4kDa (252aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSHMTMGDKKSPTRPKRQAKPAADEGFWDCSVCTFRNSAEAFKCSICDVRKG  
TSTRKPRINSQLVAQQVAQQYATPPPPKKEKKEKVEKQDKEKPEKDKEISPSVTKKNTNKKTKPKSDILKDPPSEAN  
SIQSANATTKTSETNHTSRPRLKNVDRSTAQQLAVTVGNVTVIITDFKEKTRSSSTSSSTVTSSAGSEQNQSSSGS  
ESTDKGSSRSSTPKGDMSAVNDESF

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.