



**Catalog Number:** PR27260

**Product Type:** Recombinant Protein

**Source:** *E. Coli*

**Amino Acid Sequence:** MGSSHHHHHH SGLVPRGSH MAEMGSKGVT AGKIASNVQK KLTRAQEKVL QKLGKADETK DEQFEQCVQN FNKQLTEGTR LQKDLRTYLA SVKAMHEASK KLNELQEVY EPDWPGRDEA NKIAENNDLL WMDYHQKLVLD QALLTMDTYL GQFPDIKSRI AKRGRKLVY DSARHHYESL QTAKKKDEAK IAKAEELIK AQKVFEEMNV DLQEELPSLW NSRVGFYVNT FQSIAGLEEN FHKEMSKLNQ NLNDVLVGLK QHGSNTFTV KAQPSDNAPA KGNKSPSPPD GSPAATPEIR VNHEPEPAGG ATPGATLPKS PSQPAEASEV AGGTQPAAGA QEPGETAASE AASSSLPAVV VETFPATVNG TVEGGSGAGR LDLPFGFMFK VQAQHDYTAT DTDELQLRAG DVVLVIFPQN PEEQDEGWLM GVKESDWNQH KELEKCRGVF PENFTEVP.

**Description/Molecular Mass:** BIN1 is a nucleocytoplasmic adaptor protein, one of which was primarily identified as MYC-interacting protein having the characteristics of a tumor suppressor. BIN1 protein interacts with and inhibits the oncogenic activity of the myc oncoprotein that is a key player in many human cancers. The absence of Bin1 contributes to growth deregulation in cancer cells in carcinoma of the breast, colon, lung, cervix, prostate and liver.

**Purity:** BIN1 Recombinant Human produced in *E. Coli* is a single, non-glycosylated polypeptide chain containing 459 amino acids (1-439 a.a) and having a molecular mass of 50.4 kDa. The BIN1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.  
(a) Analysis by SDS-PAGE.

**Format:** BIN1 protein solution (1mg/ml) containing 20mM Tris buffer pH-8, 1mM DTT & 10% glycerol.

**Storage:** 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.

### FOR RESEARCH USE ONLY

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