

Recombinant Human Bridging Integrator 1, His-tagged

Cat. No. BIN1-2754H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human BIN1 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	BIN1, also known as SH3P9, is a nucleocytoplasmic adaptor protein, one of which was initially identified as MYC-interacting protein with features of a tumor suppressor. This protein interacts with and inhibits the oncogenic activity of the myc oncoprotein that has a major role in many human cancers. The loss of Bin1 may contribute to growth deregulation in cancer cells in carcinoma of the breast, colon, lung, cervix, prostate and liver.
Purity	> 90% by SDS – PAGEI.
Sequences	<p>MGSSHHHHHH SSGLVPRGSH MAEMGSKGVT AGKIASNVQK KLTRAQEKVL QKLGKADETK DEQFEQCVQN FNKQLTEGTR LQKDLRTYLA SVKAMHEASK KLNECLQEVY EPDWPGRDEA NKIAENNDLL WMDYHQKLV D QALLTMDTYL GQFPDIKSRI AKRGRKLV DY DSARHHYESL QTAKKKDEAK IAKAEEELIK AQKVFEEMNV DLQEELPSLW NSRVGFYVNT FQSIAGLEEN FHKEMSKLNQ NLNDVLVGLE KQHGSNTFTV KAQPSDNAPA KGNKSPSPPD GSPAATPEIR VNHEPEPAGG ATPGATLPKS PSQPAEASEV AGGTQPAAGA QEPGETAASE AASSSLPAVV VETFPATVNG TVEGGSGAGR LDLPPGFMFK VQAQHDYTAT</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DTDELQLRAG DVVLVIPFQN PEEQDEGWLM GVKESDWNQH KELEKCRGVF
PENFTERVVP.

Molecular Weight	50.4 kDa (459aa) confirmed by MALDI-TOF.
Form	Liquid. In 20mM Tris buffer(pH 8.0) containing 10% glycerol, 1mM DTT.
Concentration	1 mg/ml (determined by Bradford assay).
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.

GENE INFORMATION

Gene Name	BIN1 bridging integrator 1 [Homo sapiens]
Synonyms	BIN1; bridging integrator 1; OTTHUMP00000203785; amphiphysin II; amphiphysin-like protein; box dependant MYC interacting protein 1; box-dependent myc-interacting protein 1; myc box-dependent-interacting protein 1; AMPH2; AMPHL; SH3P9; MGC10367; DKFZp547F068
Gene ID	274
mRNA Refseq	NM_004305
Protein Refseq	NP_004296
MIM	601248
UniProt ID	O00499

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

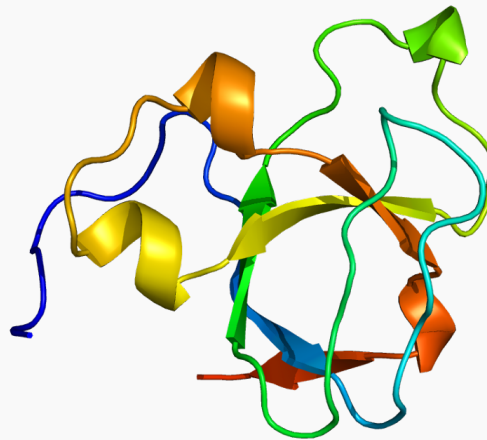
**Chromosome
Location**

2q14

Function

GTPase binding; protein C-terminus binding; protein binding; protein heterodimerization activity

**PDB rendering based
on 1bb9.**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA