OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene Technologies GmbH
Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info-de@origene.com

AR09611PU-N Human BIN1 / AMPHL (1-439, His-tag) - Purified

Alternate names: Amphiphysin II, Amphiphysin-like protein, Box-dependent myc-interacting protein 1, Bridging integrator 1, Myc box-dependent-interacting protein 1

Quantity: 0.1 mg

Concentration: 1.0 mg/ml (determined by Bradford assay)

Background: BIN1 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.

Uniprot ID: O00499

NCBI: NP_004296

GeneID: 274

Species: Human

Source: E. coli

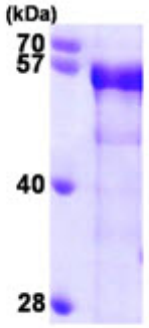
Format:
State: Liquid purified protein
Purity: >90% by SDS – PAGE
Buffer System: 20mM Tris buffer (pH 8.0) containing 10% glycerol, 1 mM DTT

Description: Recombinant human BIN1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
AA Sequence:
MGSSHHHHHH SSGLVPRGSH MAEMGSKGVT AGKIASNVQK KLTRAQEKVL QKLGKADETK
DEQFEQCVQN FNKQLTEGTR LQKDLRTYLA SVKAMHEASK KLNECLQEVY EPDWPGRDEA
NKIAENNDLL WMDYHQKLVD QALLTMDTYL GQFPDIKSRI AKRGRKLVDY DSARHHYESL
QTAKKKDEAK IAKAEEELIK AQKVFEEMNV DLQEELPSLW NSRVGFYVNT FQSIAGLEEN
FHKEMSKLNQ NLNDVLVGLE KQHGSNTFTV KAQPSDNAPA KGNKSPSPPD GSPAATPEIR
VNHEPEPAGG ATPGATLPKS PSQPAEASEV AGGTQPAAGA QEPGETAASE AASSSLPAVV
VETFPATVNG TVEGGSGAGR LDLPPGFMFK VQAQHDYTAT DTDELQLRAG DVVLVIPFQN
PEEQDEGWLM GVKESDWNQH KELEKCRGVF PENFTERVP
Molecular weight: 50.4 kDa (459aa) confirmed by MALDI-TOF

Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

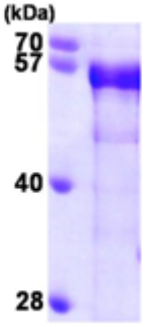
General Readings: Nanda SK., et al. (2006) Gastroenterology. 130(3):794-809.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human BIN1, 1-439 aa, His-tagged



15% SDS-PAGE (3ug)