

BIN1, 1-439aa, Human, His tag, E.coli

Cat.NO.: TP01339

3th Edition

Synonyms: Myc box-dependent-interacting protein 1, AMPH2, AMPHL, MGC10367, SH3P9, Amphiphysin II.

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.

Form: Liquid. In 20mM Tris buffer(pH 8.0) containing 10% glycerol, 1mM DTT

Molecular Weight: 50.4 kDa (459aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMAEMGSKGVTAGKIASNVQKKLTRAQEKVLQKLGKADETKDEQFEQCVQNFNK
QLTEGTRLQKDLRITYLASVKAMHEASKKLNECLQEVYEPDWPGRDEANKIAENNDLLWMDYHQKLVLDQALLTMDT
YLGQFPDIKSRIAKRGRKLVLDYDSARHHYESLQTAKKKDEAKIAKEEELIKAQKVFEEMNVDLQEELPSLWNSRVG
FYVNTFQSIAGLEENFHKEMSKLNQNLNDVLVGLEKQHGSENTFTVKAQPSDNAPAKGNKSPSPPDGSPAATPEIRV
NHEPEPAGGATPGATLPKSPSQPAEASEVAGGTQPAAGAQPGETAASEAASSSLPAVVVETFPATVNGTVEGGS
GAGRLDLPPGFMFKVQAQHDYTATDTDELQLRAGDVVLVIPFQNPEEQDEGWLMGVKESDWNQHKLEKCRGVF
PENFTERVP

Purity: > 95% by HPLC

Concentration: 1 mg/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.