

Product datasheet for **TP320585**

BIN1 (NM_139344) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human bridging integrator 1 (BIN1), transcript variant 2, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC220585 representing NM_139344
Red=Cloning site **Green**=Tags(s)

MAEMGSKGVTAGKIASNVQKKLTRAQEKVLQKLGKADETKDEQFEQCVQNFNKQLTEGTRLQKDLRITYLA
SVKAMHEASKKLNECLQEVYEPDWPGRDEANKIAENNDLLWMDYHQKLVQDQALLTMDTYLQGFPDIKSRI
AKRGRKLVYDSARHHYESLQTAKKKDEAKIAPVSLLEKAAPQWCQGKLAHLVAQTNLLRNQAEELI
KAQKVFEEMNVDLQEELPSLWNSRVGFYVNTFQSIAGLEENFHKEMSKLNQNLNDVLVGLEKQHGSNTFT
VKAQPSDNAPAKGNKSPSPDGSPAATPEIRVNHEPEPAGGATPGATLPKSPSQFEAPGPFSEQASLLDL
DFDPLPPVTSPVKAPTPSGQSIPWDLWEPTESPAGSLPSGEPSSAAEGTFAVSWPSQTAEPGPAQPAEASE
VAGGTQPAAGAQPGETAASEAASSSLPAVVVETFPATVNGTVEGGSGAGRLDLPFGFMFKVQAQHDYTA
TDTDELQKAGDWLVVIPFQNPEEQDEGWLMGVKESDWNQHKELEKCRGVFPENFTEVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 59.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

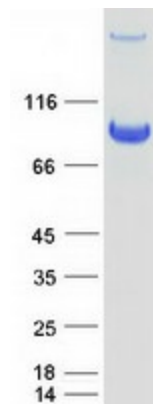


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RefSeq:	NP_647594
Locus ID:	274
UniProt ID:	O00499 , A0A024RAF6
RefSeq Size:	2508
Cytogenetics:	2q14.3
RefSeq ORF:	1650
Synonyms:	AMPH2; AMPHL; CNM2; SH3P9

Summary: This gene encodes several isoforms of a nucleocytoplasmic adaptor protein, one of which was initially identified as a MYC-interacting protein with features of a tumor suppressor. Isoforms that are expressed in the central nervous system may be involved in synaptic vesicle endocytosis and may interact with dynamin, synaptojanin, endophilin, and clathrin. Isoforms that are expressed in muscle and ubiquitously expressed isoforms localize to the cytoplasm and nucleus and activate a caspase-independent apoptotic process. Studies in mouse suggest that this gene plays an important role in cardiac muscle development. Alternate splicing of the gene results in several transcript variants encoding different isoforms. Aberrant splice variants expressed in tumor cell lines have also been described. [provided by RefSeq, Mar 2016]

Product images:



Coomassie blue staining of purified BIN1 protein (Cat# TP320585). The protein was produced from HEK293T cells transfected with BIN1 cDNA clone (Cat# [RC220585]) using MegaTran 2.0 (Cat# [TT210002]).