

Recombinant Human BIN1

Catalog No: #GP10219



Package Size: #GP10219-1 100ug

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Description

Product Name	Recombinant Human BIN1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human bridging integrator 1
Target Name	bridging integrator 1
Other Names	AMPH2; AMPHL; SH3P9
Accession No.	Swissprot:O00499Gene Accession:BC004101
Uniprot	O00499
GeneID	274;
Storage	-20~-80°C, pH 7.6 PBS

Background

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 ten transcript variants encoding different isoforms. Aberrant splice variants expressed in tumor cell lines have also been described.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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