

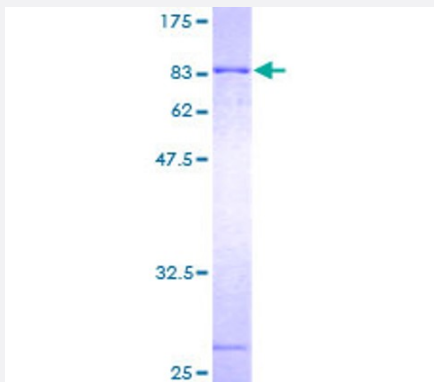
Full-Length

BIN1 (Human) Recombinant Protein (P01)

Catalog # H00000274-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BIN1 full-length ORF (AAH04101, 1 a.a. - 439 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAEMGSKGVTAGKIASNVQKKLTRAQEKVLQKLGADETKDEQFEQCVQNFNKQLTEGTRLQK DLRTYLASVKAMHEASKKLNECLQEVYEPDWPGRDEANKIAENNDLLWMDYHQKLVDQALLTM DTYLGQFPDIKSRIAKRGRKLVYDSARHHYESLQTAKKKDEAKIAKEEELIKAQKVFEEMNVDL QEELPSLWNSRVGFYVNTFQSIAGLEENFHKEMSKLNQNLNDVLVGLEKQHGSNTFTVKAQPSD NAPAKGNKSPSPPDGSPAATPEIRVNHEPEPAGGATPGATLPKSPSPAEASEVAGGTQPAAG AQEPGETAASEAASSSLPAVVVETFPATVNGTVEGGSGAGRLDLPFGFMFKVQAQHDYTATDT DELQLRAGDVVLVIPFQNPEEQDEGWLMGVKESDWNQHKLEKCRGVFPENFTERVP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	74.03
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BIN1

Entrez GeneID	274
GeneBank Accession#	BC004101
Protein Accession#	AAH04101
Gene Name	BIN1
Gene Alias	AMPH2, AMPHL, DKFZp547F068, MGC10367, SH3P9
Gene Description	bridging integrator 1
Omim ID	255200 601248
Gene Ontology	Hyperlink

Gene 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, synaptotagmin, 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. [provided by RefSeq]
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Other Designations

OTTHUMP00000162179|OTTHUMP00000162183|amphiphysin II|amphiphysin-like|box dependent MYC interacting protein 1

Disease

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