

Product datasheet for **TP308253M**

BIN2 (NM_016293) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human bridging integrator 2 (BIN2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208253 protein sequence Red =Cloning site Green =Tags(s)

MAEGKAGGAAGLFAKQVQKKFSRAQEKVLQKLGKAVETKDERFEQSASNFYQQQAEGHKLYKDLKNFLSA
VKVMHESSKRVSETLQEIYSSEWDGHEELKAIWVWNNDLLWEDYEEKLADQAVRTMEIYVAQFSEIKERIA
KRGRKLVVDYDSARHHLEAVQNAKKKDEAKTAKAEFFNKAQTVFEDLNQELLEELPILYNSRIGCYVTIF
QNISNLRDVFYREMSKLNHNLYEVMKLEKQHSNKVFVVKGLSSSSRRSLVISPPVRTATVSSPLTSPTS
PSTLSLKSESESVSATEDLAPDAAQGEDNSEIKELLEEEIEKEGSEASSSEDEPLPACNGPAQAQPS
TTERAKSQEEVLPSTTPSPGGALSPSGQPSSSATEVLRTRTASEGSEQPKKRASIQRTSAPPSRPPPP
RATASPRSSGNIPSSPTASGGGSPTSPRASLGTGTASPRTSLEVSPNPEPPEKPVRTPEAKENENIHNQ
NPEELCTSPTLMTSQVASEPGEAKKMEDKEKDNKLISADSSEGQDQLQVSMVPENNNLTAPEPQEEVSTS
ENPQL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

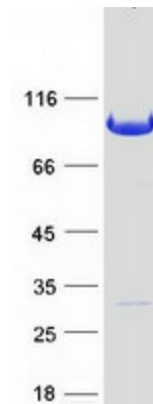
Tag:	C-Myc/DDK
Predicted MW:	61.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057377
Locus ID:	51411
UniProt ID:	Q9UBW5 , A0A087X188
RefSeq Size:	2264
Cytogenetics:	12q13.13
RefSeq ORF:	1695
Synonyms:	BRAP-1
Summary:	Promotes cell motility and migration, probably via its interaction with the cell membrane and with podosome proteins that mediate interaction with the cytoskeleton. Modulates membrane curvature and mediates membrane tubulation. Plays a role in podosome formation. Inhibits phagocytosis.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified BIN2 protein (Cat# [TP308253]). The protein was produced from HEK293T cells transfected with BIN2 cDNA clone (Cat# [RC208253]) using MegaTran 2.0 (Cat# [TT210002]).