

## Product datasheet for **TP308253**

### **BIN2 (NM\_016293) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human bridging integrator 2 (BIN2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208253 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAEGKAGGAAGLFAKQVQKKFSRAQEKVLQKLGKAVETKDERFEQSASNFYQQQAEGHKLYKDLKNFLSA  
VKVMHESSKRVSETLQEIYSSEWDGHEELKAIWVWNNDLLWEDYEEKLADQAVRTMEIYVAQFSEIKERIA  
KRGRKLVVDYDSARHHLEAVQNAKKKDEAKTAKAEFFNKAQTVFEDLNQELLEELPILYNSRIGCYVTIF  
QNISNLRDVFYREMSKLNHNLYEVMKLEKQHSNKVFMVVKGLSSSSRRSLVISPPVRTATVSSPLTSPS  
PSTLSLKSESESVSATEDLAPDAAQGEDNSEIKELLEEEIEKEGSEASSSEDEPLPACNGPAQAQPS  
TTERAKSQEEVLPSTTPSPGGALSPSGQPSSATEVLRTRTASEGSEQPKKRASIQRTSAPPSRPPPP  
RATASPRSSGNIPSSPTASGGGSPTSPRASLGTGTASPRTSLEVSPNPEPPEKPVRTPEAKENENIHNQ  
NPEELCTSPTLMTSQVASEPGEAKKMEDKEKDNKLISADSSEGQDQLQVSMVPENNNLTAPEPQEEVSTS  
ENPQL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

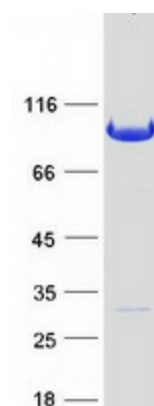
Tag:	C-Myc/DDK
Predicted MW:	61.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<a href="#">NP_057377</a>
Locus ID:	51411
UniProt ID:	<a href="#">Q9UBW5</a> , <a href="#">A0A087X188</a>
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]).