

## Product datasheet for **TP303378M**

### **BIN3 (NM\_018688) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human bridging integrator 3 (BIN3), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC203378 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSWIPFKIGQPKKQIVPKTVERDFEREYGKLQQLLEEQRRLQKDMKKSTADLAMSksAVKISLDLLSNP  
LCEQDQDLLNMVTALDTAMKRMDAFNQEKVNQIQKTVIEPLKKFGSVFPSLNMVAVKRREQALQDYRRLQA  
KVEKYEEKEKTGPVLAKLHQAREELRPVREDFEAKNRQLLEEMPRFYGSRLDYFQPSFESLIRAQVVVYS  
EMHKIFGDLSHQLDQPGHSDEQRERENEAKLSELRSIVADD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 29.5 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.

**RefSeq:** [NP\\_061158](#)

**Locus ID:** 55909

**UniProt ID:** [Q9NQY0](#)



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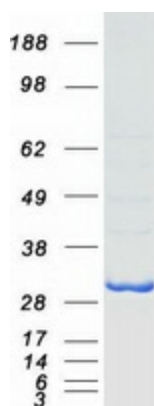
RefSeq Size: 1863

Cytogenetics: 8p21.3

RefSeq ORF: 759

**Summary:** The product of this gene is a member of the BAR domain protein family. The encoded protein is comprised solely of a BAR domain which is predicted to form coiled-coil structures and proposed to mediate dimerization, sense and induce membrane curvature, and bind small GTPases. BAR domain proteins have been implicated in endocytosis, intracellular transport, and a diverse set of other processes. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified BIN3 protein (Cat# [TP303378]). The protein was produced from HEK293T cells transfected with BIN3 cDNA clone (Cat# [RC203378]) using MegaTran 2.0 (Cat# [TT210002]).