

## Product datasheet for TP505755

### Trib1 (NM\_144549) Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse tribbles pseudokinase 1 (Trib1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR205755 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MRVGPVRFALSGASQPRGPGLLFFAARGTPAKRLLDIDDAGAVAAKCPRLSECSSPPDYLSPPGSPCSPQ          PPPSTQGTGGSCVSSPGPSRIADYLLLPLAEREHVSRALCIHTGRELRCKEFPKHYQDKIRPYIQLPSH          SNITGIVEVLLGESKAYVFEKDFGDMHSYVRSRKRLEEEAARLFKQIVSAVAHCHQSAILVGLDLKLRK          FVFSTEERTQLRLESLEDTHIIKGEDDALSDKHGCPAYVSPEILNTTGTYSGKAADVWSLGVMLYLLVVG          RYPFHSDPSALFSKIRRGQFCIPEHVSPKARCLIRLLRREPSERLTAPQILLHPWFEYVLEPGYVDSE          IGTSDQIVPEYQEDSDISSFFC</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	41.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_653132</a>
<b>Locus ID:</b>	211770
<b>UniProt ID:</b>	<a href="#">Q8K4K4</a>



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RefSeq Size: 4026

Cytogenetics: 15 D1

RefSeq ORF: 1119

Synonyms: A530090O15Rik; TRB-1; Trb1

**Summary:** Adapter protein involved in protein degradation by interacting with COP1 ubiquitin ligase (PubMed:23515163, PubMed:20410507). Promotes CEBPA degradation and inhibits its function (PubMed:20410507). Controls macrophage, eosinophil and neutrophil differentiation via the COP1-binding domain (PubMed:24003916, PubMed:23515163). Regulates myeloid cell differentiation by altering the expression of CEBPA in a COP1-dependent manner (PubMed:23515163). Interacts with MAPK kinases and regulates activation of MAP kinases, but has no kinase activity (By similarity).[UniProtKB/Swiss-Prot Function]