

## Product datasheet for **TP527658**

### Rap1b (NM\_024457) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAS related protein 1b (Rap1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227658 representing NM_024457 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MREYKLWVLGSGGVGKSALTVQFVQGIFVEKYDPTIEDSYRKQVEVDAQQCMLLEILDTAGTEQFTAMRDL YMKNGQGFAVYSITAQSTFNDLQDLREQILRVKDTDDVPMILVGNKCDLEDERVVGKEQGQNLARQWNN CAFLESSAKSKINVNEIFYDLVRQINRKTVPVPGKARKKSSCQLL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	21.3 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
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 after receiving vials.
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:	<u><a href="#">NP_077777</a></u>
Locus ID:	215449
UniProt ID:	<u><a href="#">Q99JI6</a></u> , <u><a href="#">Q52L50</a></u>
RefSeq Size:	1937
Cytogenetics:	10 D2



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RefSeq ORF: 552

Synonyms: 2810443E11Rik

**Summary:** GTP-binding protein that possesses intrinsic GTPase activity. Contributes to the polarizing activity of KRIT1 and CDH5 in the establishment and maintenance of correct endothelial cell polarity and vascular lumen. Required for the localization of phosphorylated PRKCZ, PARD3 and TIAM1 to the cell junction. Plays a role in the establishment of basal endothelial barrier function (By similarity).[UniProtKB/Swiss-Prot Function]