

## Product datasheet for TP504038

### Rps6kb2 (BC066842) Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse ribosomal protein S6 kinase, polypeptide 2 (cDNA clone MGC:76640 IMAGE:30468251), complete cds, 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>	>MR204038 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAAVFDLDETEEGSEGEPEFSPADVCPLGELRAAGLETVGHYEVELTESSVNLGPERNGPHCFELL SVLGKGGYGKVFQVRKVQGTNLGKIYAMKVLRAKIVCSAKDTAHTRAERNILESVKHPFIVELAYAFQT GGKLYLILECLSGGELFTHLEREGIFLEDTACFYLAEITLALGHLHSHGIIYRDLKPENIMLSSQGHKIL TDFGLCKESIHEGAIHTFCGTIEYMAPEILVRTGHNRAVDWWSLALMYDMLTGSASPASLGAGWVLGR SLPGWGRTGWEDP</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	32.1 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>Locus ID:</b>	58988
<b>UniProt ID:</b>	<a href="#">Q9Z1M4</a>
<b>RefSeq Size:</b>	2105



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**Cytogenetics:** 19 A

**RefSeq ORF:** 879

**Synonyms:** S6K2, 70kDa

**Summary:** Phosphorylates specifically ribosomal protein S6. Seems to act downstream of mTOR signaling in response to growth factors and nutrients to promote cell proliferation, cell growth and cell cycle progression in an alternative pathway regulated by MEAK7.[UniProtKB/Swiss-Prot Function]