

## Recombinant Mouse Rps6ka4 protein, His-tagged

Cat. No. Rps6ka4-843M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Rps6ka4 protein(Q9Z2B9)(1-773aa), fused with C-terminal His tag, was expressed in Insect cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect cells
<b>ProteinLength</b>	1-773aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	91.3 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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**AA Sequence**

MGDEDEDEGCVELQITEANLTGHEEKVSVENFALLKVLGTGAYGKVFLVRKTGGH  
 DAGKLYAMKVLKKAALVQRAKTQEHTRTERSVLELVRQAPFLVTLHYAFQTDACLHL  
 ILDYVSGGEMFTHLYQRQYFKEAEVRVYGG EIVLAL EHLHKLGIYRDLKLENVLLDSE  
 GHIVLTD FGLSKEFLTEEKERTFSFCGTIEYMAPEIIRSKAGHGKAVDWWSLGILLFEL  
 LTGASPFTLEGERNTQAEVSRRIKCSPPFPLRIGPVAQDLLQRLCKDPKKRLGAG  
 PQGAQEVKSHPPFQGLDWVALAARKIPAPFRPQIRSELDVGNFAEEFTRLEPVYSPA  
 GSPPPGDPRIFQGYSFVAPSILFDHNNAVMADV LQAPGAGYRPGRAAVARSAMMQ  
 DSPFFQYELDLREPALGQGSFSVCRRRCRQRQSGQEFVAVKILSRRL EENTQREVAA  
 LRLCQSHPNVNLHEVLHDQLHTYLVLELLRGGELLEHIRKKRLFSESEASQILRSLV  
 SAVSFMHEEAGVVHRDLKPENILYADDTPGAPVKIIDFGFARLRPQSPA EPMQTPCF  
 TLQYAAPELLAQQGYDESCDLWSLGVILYMMLSGQV PFGASGQGGQSQA AEIMC  
 KIREGRFSLDGEAWQGVSEEAKELVRGLLTVDP AKRLKLEGLRSSSWLQDGSARSS  
 PPLRTPDVLESSGPAVRSGLNATFMAFN RGKREGFFLKSVENAPLAKRRKQKL RSA  
 AASRRGSPVPASSGRLPASAAKGTTRRANGPLSPS

**GENE INFORMATION**

<b>Gene Name</b>	Rps6ka4 ribosomal protein S6 kinase, polypeptide 4 [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Rps6ka4
<b>Synonyms</b>	RPS6KA4; ribosomal protein S6 kinase, polypeptide 4; ribosomal protein S6 kinase alpha-4; RLSK; S6K-alpha-4; RSK-like protein kinase; 90 kDa ribosomal protein S6 kinase 4; mitogen- and stress-activated protein kinase-2; ribosomal protein S6 kinase, 90kD, polypeptide 4; nuclear mitogen- and stress-activated protein kinase 2; Msk2; 90kDa; mMSK2; AI848992; 1110069D02Rik;
<b>Gene ID</b>	56613
<b>mRNA Refseq</b>	NM_019924

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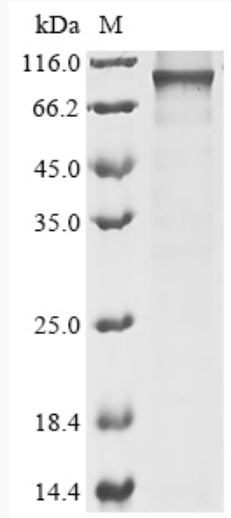
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Protein Refseq

NP\_064308

SDS-PAGE



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