

Recombinant Mouse Rps6ka4 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Rps6ka4 protein(Q9Z2B9)(1-773aa), fused with C-terminal His tag, was expressed in Insect cells.
Species	Mouse
Source	Insect cells
ProteinLength	1-773aa
Form	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.
Molecular Mass	91.3 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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
DAGKLYAMKVLKAAALVQRAKTQEHTRTERSVLELVRQAPFLVTLHYAFQTDACLHL
ILDYVSGGEMFTHLYQRQYFKEAEVRVYGGEIVLALEHLHLKLGIIYRDLKLENVLLDSE
GHIVLTDFGLSKEFLTEEKERTFSFCGTIEYMAPEIIRSKAGHGKAVDWWSLGILLFEL
LTGASPFTLEGERNTQAEVSRRLKCSPPFPLRIGPVAQDLLQRLCKDPKKRLGAG
PQGAQEVKSHPPFQGLDWVALAARKIPAPFRPQIRSELDVGNFAEEFTRLEPVYSPA
GSPPPGDPRIFQGYSFVAPSILFDHNNAVMADVLAQAGAGYRPGRAAVARSAMMQ
DSPFFQQYELDLREPALGQGSFSVCRRRCRQRQSGQEFVAVKILSRRLLEENTQREVAA
LRLCQSHPNVNLHEVLHDQLHTYLVLELLRGGELLEHIRKKRLFSESEASQILRSLV
SAVSFMHEEAGVVHRDLKPENILYADDTPGAPVKIIDFGFARLRPQSPAEPMQTPCF
TLQYAAPELLAQQGYDESCDLWSLGVILYMMLSGQVPFQGASGQGGQSQAAEIMC
KIREGRFSLDGEAWQGVSEEAKELVRGLLTVDPAKRLKLEGLRSSSWLQDGSARSS
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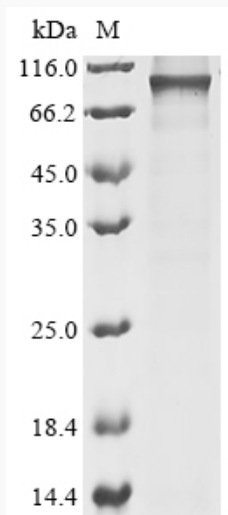
GENE INFORMATION

Gene Name	Rps6ka4 ribosomal protein S6 kinase, polypeptide 4 [<i>Mus musculus</i>]
Official Symbol	Rps6ka4
Synonyms	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;
Gene ID	56613
mRNA Refseq	NM_019924

Protein Refseq

NP_064308

SDS-PAGE



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