

Recombinant Full Length Human RPS6KA5 Protein, C-Myc/DDK-tagged

Cat. No. RPS6KA5-12HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RPS6KA5 Protein, fused to Myc/DDK-tag at C-terminus, was expressed in HEK293T.
Species	Human
Source	HEK293
Description	Enables ATP binding activity and protein serine/threonine kinase activity. Involved in several processes, including histone-serine phosphorylation; positive regulation of histone modification; and regulation of transcription, DNA-templated. Located in cytoplasm and nucleoplasm.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol.
Molecular Mass	89.7 kDa
AA Sequence	MEEEGGSSGGAAGTSADGGDGGEQLLTVKHELRTANLTGHAEKVGIENFELLKVLG TGAYGKVFLVRKIS GHDTGKLYAMKVLKKATIVQKAKTTEHTRTERQVLEHIRQSPF LVTLHYAFQTETKLHLILDYINGGELF THLSQRERFTEHEVQIYVGEIVLALEHLHLKLG IYRDIKLENILLDSNGHVVLTDGFLSKFEVADERA YSFCGTIEYMAPDIVRGDSDG HDKAVDWWSLGVLMYELLTGASPFTVDGEKNSQAEISRRILKSEPPYPQ EMSALAK DLIQRLMKDPKKRLGCGPRDADEIKEHLFFQKINWDDLAACKVPAPFKPVIRDELVDV SNFAE EFTEMDPTYSPAALPQSSEKLFQGYSFVAPSILFKRNAVIDPLQFHMVER PGVTNVARSAMMKDSPFY QHYDLDLKDKPLGEGSFSICRKCVHKHKSQAFVAVKIIS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KRMEANTQKEITALKLCEGHPNIVKLHEVFHD QLHTFLVMELLNGGELFERIKKKKH
 FSETEASYIMRKLVSAVSHMHDVGVVHRDLKPENLLFTDENDNLE IKIIDFGFARLKP
 PDNQPLKTPCFTLHYAAPELLNQNGYDESCDLWSLGVILYTMLSGQVPFQSHDRSL
 T CTSAVEIMKKIKKGDFSFEGEAWKNVSQEAKDLIQGLLTVDPNKRLKMSGRLRYNE
 WLQDGSQ LSSNPLMT PDILGSSGAHVHTCVKATFHAFNKYKREGFCLQNVDKAPL
 AKRRKMKKTSTSTETRSSSSSESSHSSSSHS HGKTTPTKTLQPSNPADSNNPETLFQ
 FSDSVA TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protein Kinase, Transcription Factors
Protein Pathways	Bladder cancer, MAPK signaling pathway, Neurotrophin signaling pathway
Full Length	Full L.

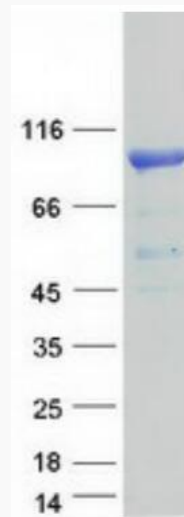
GENE INFORMATION

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Gene Name	RPS6KA5 ribosomal protein S6 kinase A5 [Homo sapiens (human)]
Official Symbol	RPS6KA5
Synonyms	MSK1; RLPK; MSPK1
Gene ID	9252
mRNA Refseq	NM_004755.4
Protein Refseq	NP_004746.2
MIM	603607
UniProt ID	O75582

SDS-PAGE


Coomassie blue staining of purified RPS6KA5 protein.

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