

Recombinant Human RPS6KA6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RPS6KA6-2307H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RPS6KA6 MS Standard C13 and N15-labeled recombinant protein (NP_055311) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of ribosomal S6 kinase family, serine-threonine protein kinases which are regulated by growth factors. The encoded protein may be distinct from other members of this family, however, as studies suggest it is not growth factor dependent and may not participate in the same signaling pathways.
Molecular Mass	83.7 kDa
AA Sequence	MLPFAPQDEPWDRMEVFSGGGASSGEVNGMKMVDEPMEEGEADSCHDEGVVKE IPITHHVKEGYEKADPAQFELLKVLGQGSFGKVFLVRKKTGPDAGQLYAMKVLKKAS LKVRDRVRTKMERDILVEVNHPFIVKLHYAFQTEGKLYLILDFLRGGDVFTRLSKEVL FTEEDVKFYLAELALALDHLHQLGIVYRDLKPENILLDEIGHIKLTDFGLSKESVDQEK KAYSFCGTVEYMAPEVVNRRGHSQSADWWSYGVLMFEMLTGTLPFQGKDRNETM NMILKAKLGMPQFLSAEAQSLLRMLFKRNPANRLGSEGVEEIKRHLFFANIDWDKLY KREVQPPFKPASGKPDDTFCFDPEFTAKTPKDSPGLPASANAHQLFKGFSFVATSIA EEYKITPITSANVLPVQINGNAAQFGEVYELKEDIGVGSYSVCKRCIHATTNMEFAVK IIDKSKRDPSEEIEILMRYGQHPNIITLKDVFDGGRYVYLVTDLMKGGELLDRILKQKC

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FSEREASDILYVISKTVDYLHCQGVVHRDLKPSNILYMDESASADSIRICDFGFAKQL
 RGENGLLLTPCYTANFVAPEVLMQQGYDAACDIWSLGVLFYTMLAGYTPFANGPND
 TPEEILLRIGNGKFSLSGGNWDNISDGAKDLLSHMLHMDPHQRYTAEQILKHSWITH
 RDQLPNDQPKRNDVSHVVKGAMVATYSALTHKTFQPVLEPVAASSLAQRRSMKKR
 TSTGLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [RPS6KA6 ribosomal protein S6 kinase A6 \[Homo sapiens \(human\) \]](#)

Official Symbol [RPS6KA6](#)

Synonyms RPS6KA6; ribosomal protein S6 kinase, 90kDa, polypeptide 6; ribosomal protein S6 kinase, 90kD, polypeptide 6; ribosomal protein S6 kinase alpha-6; RSK4; RSK-4; p90RSK6; p90-RSK 6; S6K-alpha 6; S6K-alpha-6; ribosomal S6 kinase 4; 90 kDa ribosomal protein S6 kinase 6; PP90RSK4;

Gene ID [27330](#)

mRNA Refseq [NM_014496](#)

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Protein Refseq [NP_055311](#)

MIM [300303](#)

UniProt ID [Q9UK32](#)

SDS-PAGE



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