

RPPB4511

Product Information Protein Information

Product SKU:

RPPB4511

Accession:

P23443

Host:

Sf9, Baculovirus cells.

Protein description:

RPS6KB1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 533 amino acids (1-525a.a.) and having a molecular mass of 60.2kDa. (Molecular size on SDS-PAGE will appear at approximately 70-100kDa).RPS6KB1 is expressed with a 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Ribosomal protein S6 kinase beta-1 isoform a, p70 S6KA, p70(S6K)-alpha, p70-alpha, p70-S6K, PS6K, S6K, S6K-beta-1, S6K1, STK14A, 70 kDa ribosomal protein S6 kinase 1, p70-S6K 1, Ribosomal protein S6 kinase I, Serine/threonine-protein kinase 14A, p70 ribosomal S6 kinase alpha, p70 S6 kinase alpha, p70 S6K-alpha, p70 S6KA.

Formulation:

RPS6KB1 protein solution (0.25mg/ml) contains 50mM Tris-HCl (pH 7.5), 30% glycerol, 0.5M NaCl, 2mM DTT and 0.1mM PMSF.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MRRRRRRDGF YPAPDFRDRE AEDMAGVFDI DLDQPEDAGS EDELEEGGQL NESMDHGGVG PYELGMEHCE
KFEISETSVN RGPEKIRPEC FELLRVLGKG GYGKVFQVRK VTGANTGKIF AMKVLKKAMI VRNAKDTAHT
KAERNILEEV KHPFIVDLIY AFQTGGKLYL ILEYLGGELFMQLEREGIF MEDTACFYLA EISMALGHLH
QKGIYRDLK PENIMLNHQG HVKLTDFGLC KESIHDTGTVT HTFCGTIEYM APEILMRSGH NRAVDWWSLG
ALMYDMLTGA PPFTGENRKK TIDKILKCKL NLPPYLQEA RDLLKLLKR NAASRLGAGP GDAGEVQAHP
FFRHINWEELLARKVEPPFK PLLQSEEDVS QFDSKFTRQT PVDSPDDSTL SESANQVFLG FTYVAPSVLE
SVKEKFSFEP KIRSPRRFIG SPRTVPSPVK FSPGDFWGRG ASASTANPQT PVEYPMETSG IEQMDVTMSG
EASAPLPIRQ PNSGPYKKQA FPMISKRPEH LRMNLEHHH HHH.