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Datasheet

RPS6KB1 (Human) Recombinant Protein

Catalog Number: P4772

Regulation Status: For research use only (RUO)

Product Description: Human RPS6KB1 (M60725, 1 a.a. - 400 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.

Host: insect

Theoretical MW (kDa): 74.253

Applications: Func, SDS-PAGE
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Preparation Method: Insect cell (Sf9) expression system

Purification: One-step affinity purification using GSH agarose

Concentration: 0.422 ug/uL

Activity: 13 pmol/ug x min

Storage Buffer: In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 15 mM reduced glutathione, 20% glycerol)

Storage Instruction: Store at -80°C.
Aliquot to avoid repeated freezing and thawing

Entrez GeneID: 6198

Gene Symbol: RPS6KB1

Gene Alias: PS6K, S6K, S6K1, STK14A, p70(S6K)-alpha, p70-S6K, p70-alpha

Gene Summary: This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates several residues of the S6 ribosomal protein. The kinase activity of this protein leads to an increase in protein synthesis and cell proliferation. Amplification of the region of DNA encoding this gene and overexpression of this kinase are seen in some breast cancer cell lines. Alternate translational start sites have been described and alternate transcriptional splice variants have been observed but have not been thoroughly characterized. [provided by RefSeq]