

# Recombinant Human RPS6KB1

Catalog No: #GP10671



Package Size: #GP10671-1 100ug

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## Description

Product Name	Recombinant Human RPS6KB1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human ribosomal protein S6 kinase, 70kDa, polypeptide 1 ribosomal protein S6 kinase, 70kDa, polypeptide 1
Target Name	ribosomal protein S6 kinase, 70kDa, polypeptide 1
Other Names	S6K, PS6K, S6K1, STK14A, p70-S6K, p70-alpha, p70(S6K)-alpha
Accession No.	Swissprot:P23443Gene Accession:BC053365
Uniprot	P23443
GenID	6198;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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