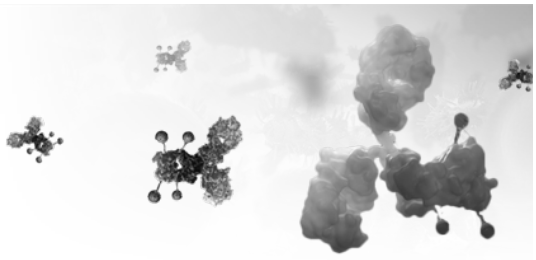

Human RPS6KA4 peptide (DAG-P0831)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 various substrates, including CREB1 and c-fos. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.Contains 1 AGC-kinase C-terminal domain.Contains 2 protein kinase domains.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	RPS6KA4 ribosomal protein S6 kinase, 90kDa, polypeptide 4 [Homo sapiens (human)]
Official Symbol	RPS6KA4
Synonyms	RPS6KA4; ribosomal protein S6 kinase, 90kDa, polypeptide 4; MSK2; RSK-B; ribosomal protein S6 kinase alpha-4; RSKB; S6K-alpha-4; ribosomal protein kinase B; ribosomal protein S6 kinase alpha 4; 90 kDa ribosomal protein S6 kinase 4; mitogen- and stress-activated protein kinase 2; nuclear mitogen- and stress-activated protein kinase 2;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Entrez Gene ID	8986
mRNA Refseq	NM_001006944.1
Protein Refseq	NP_001006945.1
UniProt ID	O75676
Chromosome Location	11q11-q13
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Interferon type I, organism-specific biosystem; L1CAM interactions, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Recycling pathway of L1, organism-specific biosystem; Signaling mediated by p38-alpha and p38-beta, orga
Function	ATP binding; magnesium ion binding; mitogen-activated protein kinase p38 binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity; ribosomal protein S6 kinase activity;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221