

Recombinant Human STK33

Cat. No. STK33-30659TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human STK33 with N-terminal proprietary tag expressed in a Baculovirus infected Sf9 cell expression system; MWt 94kDa.
Species	Human
Tissue specificity	Highly expressed in testis, fetal lung and heart, followed by pituitary gland, kidney, interventricular septum, pancreas, heart, trachea, thyroid gland and uterus. Weak hybridization signals were observed in the following tissues: amygdala, aorta, esophag
Biological activity	The Specific activity of STK33-30659TH was determined to be 4.4-5.1 nmol/min/mg dependent on lot.
Form	Liquid
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily. Contains 1 protein kinase domain.
Full Length	Full L.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	STK33 serine/threonine kinase 33 [Homo sapiens]
Official Symbol	STK33
Synonyms	STK33; serine/threonine kinase 33; serine/threonine-protein kinase 33;
Gene ID	65975
mRNA Refseq	NM_030906
Protein Refseq	NP_112168
MIM	607670
Uniprot ID	Q9BYT3
Chromosome Location	11p15.3
Function	ATP binding; nucleotide binding; protein serine/threonine kinase activity;

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