

Active Recombinant Human STK32C, GST-tagged

Cat. No. STK32C-1488H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human STK32C (YANK3) (66-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	66 aa-end
Description	STK32C or YANK3 is a member of the YANK family and is a serine/threonine protein kinase of approximately 486 aa that requires magnesium for catalytic activity. There are two isoforms of the protein generated by alternative splicing and the protein undergoes serine phosphorylation by upstream protein kinases. The STK32C gene product is conserved in many species including chimpanzee, dog, cow, mouse, rat, and chicken.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Bio-activity	1.5 nmol/min/mg
Molecular Mass	~72 kDa
Purity	>90%

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Applications	Kinase Assay, Western Blot
Storage	Store at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. Avoid freeze/thaw cycles.
Concentration	0.1µg/µl
GENE INFORMATION	
Gene Name	STK32C serine/threonine kinase 32C [Homo sapiens]
Official Symbol	STK32C
Synonyms	STK32C; serine/threonine kinase 32C; serine/threonine-protein kinase 32C; MGC23665; PKE; YANK3; PKE protein kinase; protein kinase (PKE); RP11-140A10.1;
Gene ID	282974
mRNA Refseq	NM_173575
Protein Refseq	NP_775846
UniProt ID	Q86UX6
Chromosome Location	10q26.3
Function	ATP binding; metal ion binding; nucleotide binding; protein serine/threonine kinase activity;

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