

STK32A (YANK1) Recombinant Protein | STK32A recombinant protein

STK32A (YANK1) Protein

CATALOG # AAA74120	HOST Sf9 insect cells	APPLICATIONS Western Blot
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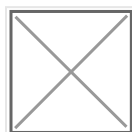
PRODUCT SYNONYMS

STK32A (YANK1); STK32A (YANK1) Protein; YANK1; STK32A; A930015B13Rik; STK32A recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for STK32A recombinant protein	WB (Western Blot)
Tag	GST
Species	Mouse
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for STK32A recombinant protein	Full-length recombinant mouse STK32A (YANK1) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. This gene accession number is NM_178749. STK32A or serine/threonine kinase 32A (also known as YANK1) is a highly conserved gene in many species (1). STK32A is a member of the YANK family that also contains STK32B and STK32C. STK32A contains a catalytic domain and metal ion binding domain and is involved in the phosphorylation of serine and threonine residues on various protein substrates. A number of sequence variants have been identified that are shorter with distinct C-terminus (2). The function of this protein is not yet clear.
Product Categories/Family for STK32A recombinant protein	Kinase Protein ; Cardiovascular Disease ; ERK/MAPK Pathway ; Neurobiology ; PKA/PKC Pathway ; Ser/Thr Kinases
References	- Manning G1, et al: The protein kinase complement of the human genome. Science. 2002 Dec 6;298(5600): 1912-34. - Strausberg RL et al. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Proc. Natl. Acad. Sci. U.S.A. 2002 Dec;99(26): 16899-16903.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_178749
Molecular Weight	~71kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/stk32a-yank1-recombinant-protein-sf9-insect-cells-wb-western-blot/74120>