

STK32B (YANK2) Recombinant Protein | STK32B recombinant protein

STK32B (YANK2), Active

CATALOG # AAA74121	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

STK32B (YANK2); Active; YANK2; STK32B; STK32; STKG6; HSA250839; STK32B recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for STK32B recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
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 STK32B recombinant protein	Full-length recombinant human STK32B (YANK2) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is BC038238. STK32B or YANK2 is a serine/threonine protein kinase that contains motif for binding metal ions and nucleotides and the gene for STK32B is highly conserved among various species. STK32B has been associated with isolated cleft lip with or without cleft palate and cleft palate which are among the most common human birth defects of oral cleft cases (1). Long interspersed nuclear element-1 (LINE-1 or L1) mediated deletion of STK32B gene is observed in patients with Ellis-van Creveld syndrome with borderline intelligence (2).
Product Categories/Family for STK32B recombinant protein	Protein Kinases ; Cardiovascular Disease ; ERK/MAPK Pathway ; Neurobiology ; PKA/PKC Pathway ; Ser/Thr Kinases
References	- Ingersoll, R G. et al: Association between genes on chromosome 4p16 and non-syndromic oral clefts in four populations. Eur J Hum Genet. 2010 Jun;18(6):726-32. - Temtamy, S A. et al: Long interspersed nuclear element-1 (LINE1)-mediated deletion of EVC, EVC2, C4orf6, and STK32B in Ellis-van Creveld syndrome with borderline intelligence. Hum Mutat. 2008 Jul;29(7):931-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23398527
NCBI GeneID	55351
Molecular Weight	42,561 Da
NCBI Official Full Name	Homo sapiens serine/threonine kinase 32B, mRNA
NCBI Official Synonym Full Names	serine/threonine kinase 32B
NCBI Official Symbol	STK32B
NCBI Official Synonym Symbols	STK32; STKG6; YANK2; HSA250839
NCBI Protein Information	serine/threonine-protein kinase 32B

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/stk32b-yank2-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/74121>