

## Product datasheet for **TP307739M**

### **YANK2 (STK32B) (NM\_018401) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serine/threonine kinase 32B (STK32B), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207739 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGGNHSKPPVFDENEENFDHFQILRAIGKGSFGKVCIVQKRDTKKMYAMKYMNKQKCIERDEVNRVFR  
ELQIMQGLEHPFLVNLWYSFQDEEDMFMWVDDLLGGDLRYHLQQNVHFTGTVKLYICELALALEYLQRY  
HIIHRDIKPDNILLDEHGHVHITDFNIATVVKGAERASSMAGTKPYMAPEVFQVYMDGGPGYSYPVDWWS  
LGITAYELLRGWRPYEIHVTPIDEILNMFKVERVHYSSTWCKGMVALLRLLTKDPESRVSSLHDIQSV  
PYLADMNWDVAVFKKALMPGFVFNKGRNLNCDPTFELEEMILESKPLHKKKRLAKNRSRDGTDKSCPLNGH  
LQHCLTVREEFIIFNREKLRRQQGQGSQLLDTSRGGGQAQSKLQDGCNNLLTHTCTRGCSS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	47.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_060871</a>
Locus ID:	55351



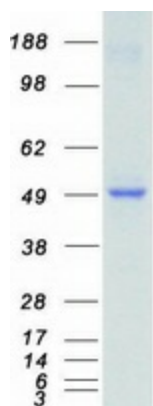
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UniProt ID: [Q9NY57](#), [B2R9M8](#)  
RefSeq Size: 3224  
Cytogenetics: 4p16.2  
RefSeq ORF: 1242  
Synonyms: HSA250839; STK32; STKG6; YANK2

**Summary:** This gene encodes a serine-threonine protein kinase. Serine-threonine kinases transfer phosphate molecules to the oxygen atoms of serine and threonine. A genomic deletion affecting this gene has been associated with Ellis-van Creveld syndrome, an autosomal recessive skeletal dysplasia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]

**Protein Families:** Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified STK32B protein (Cat# [TP307739]). The protein was produced from HEK293T cells transfected with STK32B cDNA clone (Cat# [RC207739]) using MegaTran 2.0 (Cat# [TT210002]).