

## Product datasheet for **TP307739**

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

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human serine/threonine kinase 32B (STK32B), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC207739 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MGGNHSKPPVFDENEVNFDFHFQILRAIGKGSFGKVCIVQKRDTKKMYAMKYMNKQKCIERDEVNRVFR  
ELQIMQGLEHPFLVNLWYSFQDEEDMFMWVDDLLGGDLRYHLQQNVHFTEGTVKLYICELALALEYLQRY  
HIIHRDIKPDNILLDEHGHVHITDFNIATVVKGAERASSMAGTKPYMAPEVFQVYMDGGPGYSYPVDWWS  
LGITAYELLRGWRPYEIHVTPIDEILNMFKVERVHYSSTWCKGMVALLRKLTKDPESRVSSLHDIQSV  
PYLADMNWDVAFFKALMPGFVFNKGRNLNCDPTFELEEMILESPLHKKKRLAKNRSRDGTDKSCPLNGH  
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:** [NP\\_060871](#)  
**Locus ID:** 55351



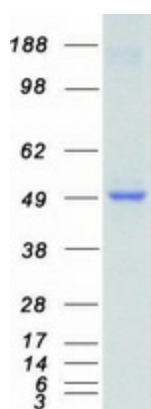
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UniProt ID: [Q9NY57](#), [B2R9M8](#)  
RefSeq Size: 3224  
Cytogenetics: 4p16.2  
RefSeq ORF: 1242  
Synonyms: HSA250839; STK32; STKG6; YANK2

**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]).