

Product datasheet for PH307739

YANK2 (STK32B) (NM_018401) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STK32B MS Standard C13 and N15-labeled recombinant protein (NP_060871)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207739
Predicted MW:	47.8 kDa
Protein Sequence:	>RC207739 protein sequence Red=Cloning site Green=Tags(s) MGGNHSKPPVFDENEEVNFDFHQILRAIGKGSFGKVCIVQKRDTKKMYAMKYMNKQKCIERDEVNRVFR ELQIMQGLEHPFLVNLWYSFQDEEDMFVVDLLGGDLRYHLQQNVHFTEGTVKLYICELALALEYLQRY HIIHRDIKPDNILLDEHGHVHITDFNIATVVKGAERASSMAGTKPYMAPEVFQVYMDGGPGYSYPVDWWS LGITAYELLRGWRPYEIHVSVTPIDEILNMFKVERVHYSSTWCKGMVALLRKLTKDPESRVSSLHDIQSV PYLADMNWDVAFKKALMPGFVPNKGRNLCDPTFELEEMILESKPLHKKKRLAKNRSRDGTDKSCPLNGH LQHCLQTVREEFIIFNREKLRRQQGGSQQLDTSRGGGQAQSKLQDGCNNLLTHTCTRGCS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060871
RefSeq Size:	3224
RefSeq ORF:	1242
Synonyms:	HSA250839; STK32; STKG6; YANK2
Locus ID:	55351



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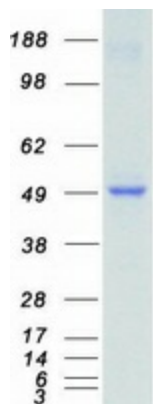
UniProt ID: [Q9NY57](#), [B2R9M8](#)

Cytogenetics: 4p16.2

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]).