

Product datasheet for PH324449

STK32C (NM_173575) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STK32C MS Standard C13 and N15-labeled recombinant protein (NP_775846)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224449
Predicted MW:	54.8 kDa
Protein Sequence:	>RC224449 representing NM_173575 Red=Cloning site Green=Tags(s)

MRS GAERRGSSAAASPGSPPPGRARPAGSDAPSALPPPAAGQPRARDSGDVRSQPRPLFQWSKWKKRMGS
SMSAATARRPVFDDKEDVNFDFHFIQILRAIGKGSFGKVCIVQKRDEKMYAMKYMNKQQCIERDEVNRVFR
ELEILQEIEHVFLVNLWYSFQDEEDMFVVDLLGGDLRYHLQQNVQFSEDTVRLYICEMALALDYLRGQ
HI IHRDVKPDNILLDERGHAHLTDFNIATIIKDGERATALAGTKPYMAPEIFHSFVNGGTGYSFEVDWWS
VGMAYELLRGWRPYDIHSSNAVESLVQLFSTVSVQYVPTWSKEMVALLRKLTLVNPEHRLSSLQDVQAA
PALAGVLWDHLSEKRVPEPGFVPNKGR LHCDPTFELEEMILESRLHKKKRLAKNKS RDNSRDSSQSEND
YLQDCLDAIQDFVIFNREKLR SQDLPRELPAPESRDAAEPVEDEAERSALPMCGPICPSAGSG

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:	<u>NP_775846</u>
RefSeq Size:	2141
RefSeq ORF:	1458
Synonyms:	PKE; YANK3



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Locus ID: 282974

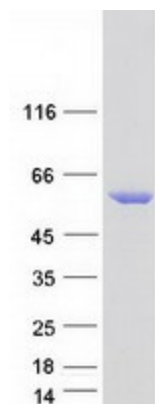
UniProt ID: [Q86UX6](#), [A0A140VJW0](#), [B7Z7J1](#)

Cytogenetics: 10q26.3

Summary: The protein encoded by this gene is a member of the serine/threonine protein kinase family. It is thought that this family member is functional in brain due to its high expression levels there. DNA methylation differences have been found in this gene in monozygotic twins that are discordant for adolescent depression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified STK32C protein (Cat# [TP324449]). The protein was produced from HEK293T cells transfected with STK32C cDNA clone (Cat# [RC224449]) using MegaTran 2.0 (Cat# [TT210002]).