

Product datasheet for TP303897

STK3 (NM_006281) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serine/threonine kinase 3 (STE20 homolog, yeast) (STK3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203897 protein sequence Red=Cloning site Green=Tags(s)

MEQPPAPKSKLKKLSEDSLTKQPEEVFDVLEKLGEGSYGSVFKAIHKESGQVVAIKQVPVESDLQEIIKE
ISIMQQCDSPYVVKYYGSYFKNTDLWIVMEYCGAGSVSDIIRLNKTLIEDEIATILKSTLKGLEYLHFM
RKIHRDIKAGNILLNTEGHAKLADFGVAGQLTDTMAKRNTVIGTPFWMAPEVIQEIYNCVADIWSLGIT
SIEMAEGKPPYADIHPMRAIFMIPTNPPPTFRKPELWSDDFTDFVKKCLVKNPEQRATATQLLQHPFIKN
AKPVSILRDLITEAMEIKAKRHEEQQRELEEEENSDEDELDSHTMVKTSVESVGTMRATSTMSEGAQTM
IEHNSTMLES DLGTMVINSEDEEEEDGTMKR NATSPQVQRPSFMDYFDKQDFKNKSHENCNQN MHEPF
PM
SKNVFPDNWKVPQDGDGDFLKNLSLEELQMRLKALDPMMEIEELRQRYTAKRQPILDAMDAKRRRQ
QN
F

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

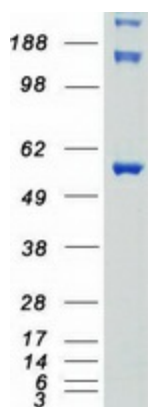
Tag:	C-Myc/DDK
Predicted MW:	56.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_006272
Locus ID:	6788
UniProt ID:	Q13188
RefSeq Size:	2828
Cytogenetics:	8q22.2
RefSeq ORF:	1473
Synonyms:	KRS1; MST2
Summary:	This gene encodes a serine/threonine protein kinase activated by proapoptotic molecules indicating the encoded protein functions as a growth suppressor. Cleavage of the protein product by caspase removes the inhibitory C-terminal portion. The N-terminal portion is transported to the nucleus where it homodimerizes to form the active kinase which promotes the condensation of chromatin during apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	MAPK signaling pathway

Product images:



Coomassie blue staining of purified STK3 protein (Cat# TP303897). The protein was produced from HEK293T cells transfected with STK3 cDNA clone (Cat# [RC203897]) using MegaTran 2.0 (Cat# [TT210002]).