

Product datasheet for **TP304133M**

STK38 (NM_007271) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serine/threonine kinase 38 (STK38), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204133 protein sequence Red =Cloning site Green =Tags(s)

MAMTGSTPCSSMSNHTKERVTMTKVTLNFYSNLIAQHEEREMRQKKLEKVMEEEGLKDEEKRLRRSAHA
RKETEFLRLKRTRLGLEDFESLKVIGRGAFGEVRLVQKKDTGHVYAMKILRKADMLEKEQVGHIRAERDI
LVEADSLWVVKMFYSFQDKLNLYLIMEFLPGGDMMLLMKKDTLTEEETQFYIAETVLAIDSIHQLGFIH
RDIKPDNLLLDSKGHVKLSDFGLCTGLKKAHRTEFYRNLNHSPLSDFTFQNMNSKRKAETWKRNRRLAF
STVGTDPDYIAPEVFMQTGYNKLCDWWSLGVIMYEMLIGYPPFCSETPQETYKKVMNWKETLTFPPEVPIS
EKAKDLILRFCCEWEHRIGAPGVVEIKSNSFFEGVDWEHIRERPAAISIEIKSIDDTSNFDEFPESDILK
PTVATSNHPETDYKNKDWWFINYTYKRFEGLTARGAIPSYMKAAC

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

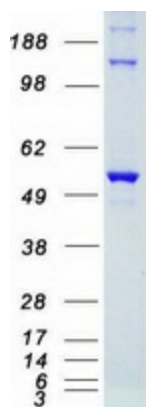
Tag:	C-Myc/DDK
Predicted MW:	54 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	In vitro ubiquitination assay (regulator) (PMID: 25981615) Pull-down assay (PMID: 28219902)
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_009202
Locus ID:	11329
UniProt ID:	Q15208 , A0A024RD18
RefSeq Size:	3593
Cytogenetics:	6p21.31
RefSeq ORF:	1395
Synonyms:	NDR; NDR1
Summary:	This gene encodes a member of the AGC serine/threonine kinase family of proteins. The kinase activity of this protein is regulated by autophosphorylation and phosphorylation by other upstream kinases. This protein has been shown to function in the cell cycle and apoptosis. This protein has also been found to regulate the protein stability and transcriptional activity of the MYC oncogene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015]
Protein Families:	Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified STK38 protein (Cat# [TP304133]). The protein was produced from HEK293T cells transfected with STK38 cDNA clone (Cat# [RC204133]) using MegaTran 2.0 (Cat# [TT210002]).