

Active Recombinant Full Length Human STK38 Protein, C-Flag-tagged

Cat. No. STK38-265HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human STK38 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	In vitro ubiquitination assay (regulator) Pull-down assay
Molecular Mass	54 kDa
AA Sequence	MAMTGSTPCSSMSNHTKERVTMTKVTLENFYSLIAQHEEREMRQKKLEKVMEEE GLKDEEKRLRRSAHA RKETEFLRLKRTLGLDFESLKVIGRGAFGEVRLVQKKDT GHVYAMKILRKADMLEKEQVGHIRAERDI LVEADSLVWVKMFYSFQDKNLNLYLIMEF

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LPGGDMMTLLMKKDTLTEEETQFYIAETVLAIDSIHQLGFIH RDIKPDNLLLDSKGHV
 KLSDFGGLCTGLKKAHRTEFYRNLNHSPLPSDFTFQNMNSKRKAETWKRNRRLAF S
 TVGTPDYIAPEVFMQTGYNKLCDWWSLGVIMYEMLIGYPPFCSETPQETYKKVMNW
 KETLTFPPEVPIS EKAKDLILRFCCWEHRIGAPGVVEIKSNSFFEGVDWEHIRERPA
 AISIEIKSIDDTSNFDEFPESDILK
 PTVATSNHPETDYKNKDWVFINYTYKRFEGLTARGAIPSYMKAASKGPTRTRPLEQK
 LISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protein Kinase
Full Length	Full L.

GENE INFORMATION

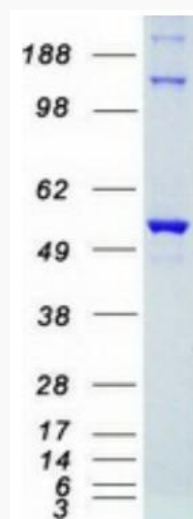
Gene Name	STK38 serine/threonine kinase 38 [Homo sapiens (human)]
Official Symbol	STK38
Synonyms	NDR; NDR1

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Gene ID	11329
mRNA Refseq	NM_007271.4
Protein Refseq	NP_009202.1
MIM	606964
UniProt ID	Q15208



Coomassie blue staining of purified STK38 protein.