

Active Recombinant Human STK38 Protein, Myc/DDK-tagged

Cat. No. STK38-1180H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human serine/threonine kinase 38 (STK38) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
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.
Bio-activity	In vitro ubiquitination assay (regulator) Pull-down assay
Molecular Mass	54 kDa
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.

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Concentration	>50 µg/mL as determined by microplate BCA method
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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
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GENE INFORMATION

Gene Name	STK38 serine/threonine kinase 38 [Homo sapiens (human)]
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Official Symbol	STK38
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Synonyms	STK38; serine/threonine kinase 38; NDR; NDR1; serine/threonine-protein kinase 38; NDR1 protein kinase; Ndr Ser/Thr kinase-like protein; nuclear Dbf2-related kinase 1; EC 2.7.11.1
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Gene ID	11329
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mRNA Refseq	NM_007271
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Protein Refseq	NP_009202
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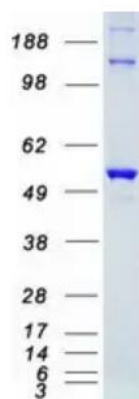
MIM	606964
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UniProt ID	Q15208
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SDS-PAGE

Coomassie blue staining of purified STK38 protein. The protein was produced from HEK293T cells transfected with STK38 cDNA clone using MegaTran 2.0.

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