

## Product datasheet for PH304133

### STK38 (NM\_007271) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	STK38 MS Standard C13 and N15-labeled recombinant protein (NP_009202)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204133
Predicted MW:	54.2 kDa
Protein Sequence:	>RC204133 protein sequence Red=Cloning site Green=Tags(s)

MAMTGSTPCSSMSNHTKERVTMTKVTLLENFYSNLIAQHEEREMRQKKLEKVMEEGLKDEEKRLRRSAHARKETEFRLRKRTRLGLEDFESLKVIGRGAFFGEVRLVQKKDGHVYAMKILRKADMLEKEQVGHIRARDI LVEADSLWVVKMFYSFQDKLNLYLIMEFLPGGDMTLLMKKDTL TEEETQFYIAETVLAIDSIHQGFIR RDIKPDNLLLDSKGHVKLSDFGLCTGLKKAHRTEFYRNLNHSLSDFTFQNMNSKRKAETWKRNRRLQAF STVGTPDYIAPEVFMQTGYNKLCDWWSLGVIMYEMLIGYPPFCSETPQETYKKVMNWKETLTFPPEVPIS EKAKDLILRFCEWEHRIGAPGVVEIKSNSFFEGVDWEHIRERPAASIEIKSIDDTSNFDEFPSDILK PTVATSNHPETDYKNKDWFVINYTYKRFEGLTARGAIPSYMKAAK

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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_009202</u>
RefSeq Size:	3593
RefSeq ORF:	1395
Synonyms:	NDR; NDR1



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Locus ID: 11329

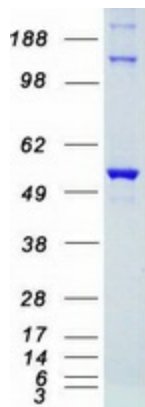
UniProt ID: [Q15208](#), [A0A024RD18](#)

Cytogenetics: 6p21.31

**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]).