

Recombinant Human STK33 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STK33-6699H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STK33 MS Standard C13 and N15-labeled recombinant protein (NP_112168) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	STK33 (Serine/Threonine Kinase 33) is a Protein Coding gene. Diseases associated with STK33 include Lung Large Cell Carcinoma and Tyrosinemia, Type Iii. Among its related pathways are Sweet Taste Signaling and MAP Kinase Signaling. Gene Ontology (GO) annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is DCLK1.
Molecular Mass	57.9 kDa
AA Sequence	MADSGLDKKSTKCPDCSSASQKDVLCVCSSKTRVPPVLVEMSQTSSIGSAESLISL ERKKEKNINRDITSRKDLPSRTSNVERKASQQQWGRGNFTEGKVPHIRIENGAAIEEI YTFGRILGKGSFGIVIEATDKETETKWAIKKVNKEKAGSSAVKLLEREVNILKSVKHEH IIHLEQVFETPKKMYLVMELCEDGELKEILDRKGHFSENETRWIIQSLASAIAYLHNNDI VHRDLKLENIMVKSSLIDDNNEINLNIKVTDFGLAVKKQSRSEAMLQATCGTPIYMAP EVISAHDYSQQCDIWSIGVVMYMLLRGEPPFLASSEKLFELIRKGELHFENAVWNSI SDCAKSVLKQLMKVDPAHRITAKELLDNQWLTGNKLSSVRPTNVLEMMKEWKNNP

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ESVEENTTEENKPKSTEEKLKSYQPWGNVPETNYTSDEEEEKQSTTYEKQFPATSK
DNFDMCSSSFTSSKLLPAEIKGEMEKTPVTPSQGTATKYPKSGALSRTKKKLTRTR
PLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name STK33 serine/threonine kinase 33 [Homo sapiens (human)]

Official Symbol STK33

Synonyms STK33; serine/threonine kinase 33; serine/threonine-protein kinase 33;

Gene ID 65975

mRNA Refseq NM_030906

Protein Refseq NP_112168

MIM 607670

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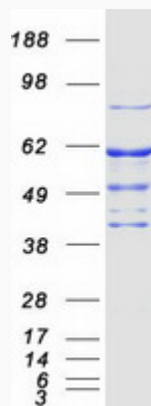
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UniProt ID

Q9BYT3

SDS-PAGE



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