

Recombinant Human STK16 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STK16-5949H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STK16 MS Standard C13 and N15-labeled recombinant protein (NP_003682) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	STK16 (Serine/Threonine Kinase 16) is a Protein Coding gene. Diseases associated with STK16 include Diffuse Mesangial Sclerosis. Among its related pathways are Sweet Taste 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 AAK1.
Molecular Mass	34.7 kDa
AA Sequence	MGHALCVCSRGTVIIDNKRYLFIQKLGEGGFSYVDLVEGLHDGHFYALKRILCHEQQ DREEAQREADMHRLFNHPNILRLVAYCLRERGAKEAWLLLPPFFKRGLTWNEIERLK DKGNFLTEDQILWLLLGICRGLEAIHAKGYAHRDLKPTNILLGDEGQPVLMDLGSMN QACIHVEGSRQALTLQDWAAQRCTISYRAPELFSVQSHCVIDERTDVWSLGCVLYA MMFEGEPYDMVFQKGDVALAVQNQLSIPQSPRHSSALWQLLNSMMMTVDPHQRP HIPLLLSQLEALQPPAPGQHTTQITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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	STK16 serine/threonine kinase 16 [Homo sapiens (human)]
Official Symbol	STK16
Synonyms	STK16; serine/threonine kinase 16; serine/threonine-protein kinase 16; MPSK; PKL12; hPSK; TSF-1; protein kinase PKL12; TGF-beta-stimulated factor 1; tyrosine-protein kinase STK16; protein kinase expressed in day 12 fetal liver; myristoylated and palmitoylated serine/threonine-protein kinase; KRCT; TSF1; FLJ39635; MGC16211;
Gene ID	8576
mRNA Refseq	NM_003691
Protein Refseq	NP_003682
MIM	604719
UniProt ID	O75716

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SDS-PAGE



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