Recombinant Human MAP3K19 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MAP3K19-5425H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	YSK4 MS Standard C13 and N15-labeled recombinant protein (NP_001018056) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	MAP3K19 (Mitogen-Activated Protein Kinase Kinase Kinase 19) is a Protein Coding gene. 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 MAP3K1.
Molecular Mass	57.5 kDa
AA Sequence	MSSMPKPERHAESLLDICHDTNSSPTDLMTVTKNQNIILQSISRSEEFDQDGDCSHS TLVNEEEDPSGGRQDWQPRTEGVEITVTFPRDVSPPQEMSQEDLKEKNLINSSLQE WAQAHAVSHPNEIETVELRKKKLTMRPLVLQKEESSRELCNVNLGFLLPRSCLELNI SKSVTREDAPHFLKEQQRKSEEFSTSHMKYSGRSIKRHSSGLRIYDREEKFLISNEK KIFSENSLKSEEPILWTKGEILGKGAYGTVYCGLTSQGQLIAVKQVALDTSNKLAAEK EYRKLQEEVDLLKALKHVNIVAYLGTCLQENTVSIFMEFVPGGSISSIINRFGPLPEMV FCKYTKQILQGVAYLHENCVVHRDIKGNNVMLMPTGIIKLIDFGCARRLAWAGLNGT HSDMLKSMHGTPYWMAPEVINESGYGRKSDIWSIGCTVFEMATGKPPLASMDRMA AMFYIGAHRGLMPPLPDHFSENAADFVRMCLTRDQHERPSALQLLKHSFLERSHTR

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	TRPLEQKLISEEDLAANDILDYKDDDDKV
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	MAP3K19 mitogen-activated protein kinase kinase kinase 19 [Homo sapiens (human)]
Official Symbol	MAP3K19
Synonyms	MAP3K19; mitogen-activated protein kinase kinase kinase 19; RCK; YSK4; mitogen-activated protein kinase kinase kinase 19; SPS1/STE20-related protein kinase YSK4; YSK4 Sps1/Ste20-related kinase homolog; regulated in COPD kinase; regulated in COPD, protein kinase; yeast Sps1/Ste20-related kinase 4; EC 2.7.11.1
Gene ID	80122
mRNA Refseq	NM_001018046
Protein Refseq	NP_001018056

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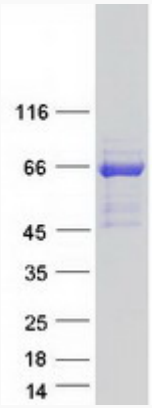
UniProt ID	Q56UN5
SDS-PAGE	

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