

Recombinant Human STK26 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STK26-2231H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MST4 MS Standard C13 and N15-labeled recombinant protein (NP_057626) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The product of this gene is a member of the GCK group III family of kinases, which are a subset of the Ste20-like kinases. The encoded protein contains an amino-terminal kinase domain, and a carboxy-terminal regulatory domain that mediates homodimerization. The protein kinase localizes to the Golgi apparatus and is specifically activated by binding to the Golgi matrix protein GM130. It is also cleaved by caspase-3 in vitro, and may function in the apoptotic pathway. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.
Molecular Mass	46.5 kDa
AA Sequence	MAHSPVAVQVPGMQNNIADPEELFTKLERIGKGSFGEVFKGIDNRTQQVVAIKIIDLE EAEDEIEDIQEITVLSQCDSSYVTKYYGSYLKGSKLWIIMEYLGGSALDLLRAGPF DEFQIATMLKEILKGLDYHSEKKIHRDIKAANVLLSEQGDVKLADFGVAGQLTDTQIK RNTFVGTPFWMAPEVIQQSAYDSKADIWSLGITAIELAKGEPPNSDMHPMRVLFLIPK NNPPTLVGDFTESFKEFIDACLNKDPSFRPTAKELLKHKFIVKNSKKTSYLTEIDRFK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RWKAEGHSDDSDSEGSDSESTSRENNTHPAWSFTTVRKKPDPKKVQNGAEQDL
VQTLSCLSMIITPAFAELKQQDENNASRNQAIEELEKSI AVAEAACPGITDKMVKKLIE
KFQKCSADESPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 STK26 serine/threonine kinase 26 [Homo sapiens (human)]

Official Symbol STK26

Synonyms STK26; serine/threonine kinase 26; MASK; MST4; serine/threonine-protein kinase 26; Mst3 and SOK1-related kinase; STE20-like kinase 4; STE20-like kinase MST4; mammalian Ste20-like protein kinase 4; mammalian sterile 20-like 4; serine/threonine protein kinase 26; serine/threonine protein kinase MST4; serine/threonine-protein kinase MASK; EC 2.7.11.1

Gene ID 51765

mRNA Refseq NM_016542

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq NP_057626

MIM 300547

UniProt ID Q9P289

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA