

Product datasheet for **TP317776**

MST3 (STK24) (NM_003576) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serine/threonine kinase 24 (STE20 homolog, yeast) (STK24), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217776 representing NM_003576 Red =Cloning site Green =Tags(s)
	 MDSRAQLWGLALNKRRATLPHPGGSTNLKADPEELFTKLEKIGKGSFGEVFKGIDNRTQKVAIKIIDLE EAEDEIEDIQEITVLSQCDSPIYVTKYYGSYLKDTKLWIIMEYLGGSALDLEPGPLDETQIATILREI LKGLDYLHSEKKIHRDIKAAANVLLSEHGEVKLADFGVAGQLTDTQIKRNTFVGTFFWMAPEVIKQLAYDS KADIWSLGITAIELARGEPPHSELHPMKVLFIPKNNPPTLEGNYSKPLKEFVEACLNKEPSFRPTAKEL LKHKFILRNAKKTSYLTELIDRYKRWKAEQSHDDSSSESDAETDQGASGSDSGDWIFTIREKDPKNLE NGALQPSDLDRNKMKDIPKRPFSQCLSTIISPLFAELKEKSQACGGNLSIEELRGAIIYLAEEACPGISD TMVAQLVQRLQRYSLSGGGTSSH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	49.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_003567](#)

Locus ID: 8428

UniProt ID: [Q9Y6E0](#)

RefSeq Size: 4539

Cytogenetics: 13q32.2

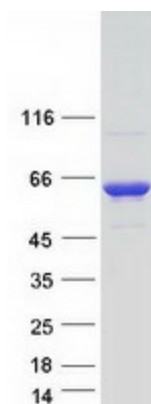
RefSeq ORF: 1329

Synonyms: HEL-S-95; MST3; MST3B; STE20; STK3

Summary: This gene encodes a serine/threonine protein kinase that functions upstream of mitogen-activated protein kinase (MAPK) signaling. The encoded protein is cleaved into two chains by caspases; the N-terminal fragment (MST3/N) translocates to the nucleus and promotes programmed cells death. There is a pseudogene for this gene on chromosome X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2013]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified STK24 protein (Cat# TP317776). The protein was produced from HEK293T cells transfected with STK24 cDNA clone (Cat# [RC217776]) using MegaTran 2.0 (Cat# [TT210002]).