

Product datasheet for PH317776

MST3 (STK24) (NM_003576) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | STK24 MS Standard C13 and N15-labeled recombinant protein (NP_003567) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC217776 |
| Predicted MW: | 49.1 kDa |
| Protein Sequence: | >RC217776 representing NM_003576 Red=Cloning site Green=Tags(s) |

MDSRAQLWGLALNKRRATLPHPGGSTNLKADPEELFTKLEKIGKGSFGEVFKGIDNRTQKVVAIKIIDLE
EAEDIEDIQQEITVLSQCDSPIVYTKYYGSKLDTKLWIIMEYLGGSALDLEPGPLDETQIATILREI
LKGLDYHLHSEKKIHRDIKAANVLLSEHGEVKLADFGVAGQLTDTQIKRNTFVGTFFWMAPEVIKQLAYDS
KADIWSLGITAIELARGEPPHSELHPMKVFLIPKNNPPTLEGNYSKPLKEFVEACLNKEPSFRPTAKEL
LKHKFILRNAKTSYLTELIDRYKRWKAEQSHDDSSSESDAETDQASGGSDSGDWIFTIREKDPKNLE
NGALQPSDLDRNKMKDIPKRPFSQCLSTIISPLFAELKEKSQACGGNLSIEELRGAIYLAEEACPGISD
TMVAQLVQRLQRYSLSGGGTSSH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | <u>NP_003567</u> |
| RefSeq Size: | 4539 |
| RefSeq ORF: | 1329 |
| Synonyms: | HEL-S-95; MST3; MST3B; STE20; STK3 |



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Locus ID: 8428

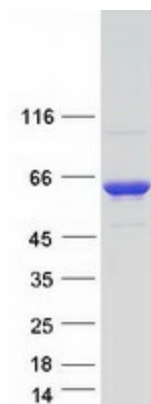
UniProt ID: [Q9Y6E0](#)

Cytogenetics: 13q32.2

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]).