

## Product datasheet for TP303215L

### STK25 (NM\_006374) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens serine/threonine kinase 25 (STE20 homolog, yeast) (STK25), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203215 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAHLRGFANQHSRVDPEELFTKLDRIKGSFGEVYKIDNHTKEVAIKIIDLEEADEIEDIQEITVL SQCDSPYITRYFGSYLKSTKLWIIMEYLGGSALDLLKPGPLEETYIATILREILKGLDYLSERKIHRD IKAANVLLSEQGDVKLADFGVAGQLTDTQIKRNTFVGTPFWMAPEVIKQSAYDFKADIWLSLGITAIELAK GEPNNDLHPMRVLFLLIPKNSPPTLEGQHSKPFKEFVEACLNKDPRFRPTAKELLKHKFITRYTKKTSFL TELIDRYKRWKSEGHGEESSSDIDGEAEDGEQGPIWTFPPTIRSPHSLHKG TALHSSQKPAEPVK RQPRSQCLSTLVRPVFVFGELKEKHKQSGGSVGALEELENAFSLAEESCPGISDKLMVHLVERVQRFSHNRN HLTSTR
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	47.9 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\\_006365](#)

Locus ID: 10494

UniProt ID: [O00506](#), [A0A024R4B2](#)

RefSeq Size: 2527

Cytogenetics: 2q37.3

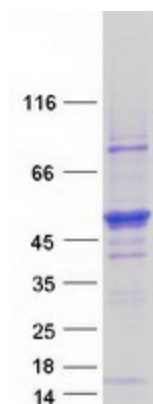
RefSeq ORF: 1278

Synonyms: SOK1; YSK1

**Summary:** This gene encodes a member of the germinal centre kinase III (GCK III) subfamily of the sterile 20 superfamily of kinases. The encoded enzyme plays a role in serine-threonine liver kinase B1 (LKB1) signaling pathway to regulate neuronal polarization and morphology of the Golgi apparatus. The protein is translocated from the Golgi apparatus to the nucleus in response to chemical anoxia and plays a role in regulation of cell death. A pseudogene associated with this gene is located on chromosome 18. Multiple alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2012]

**Protein Families:** Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified STK25 protein (Cat# [TP303215]). The protein was produced from HEK293T cells transfected with STK25 cDNA clone (Cat# [RC203215]) using MegaTran 2.0 (Cat# [TT210002]).