

Product datasheet for **TP324117M**

TESK2 (NM_007170) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human testis-specific kinase 2 (TESK2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224117 representing NM_007170 Red =Cloning site Green =Tags(s)

MDRSKRNSIAGFPPRVERLEEFEGGGGGEGNVSQVGRVWPSSYRALISAFSRLRLDDFTCEKIGSGFFS
EVFKVRHRASGQVMALKMNTLSSNRANMLKEVQLMNRLSHPNILRFMGVCVHQGLHALTEYINSGNLEQ
LLDSNLHLPWTVRVKLAYDIAVGLSYLHFKGIFHRDLTSKNCLIKRDENGYSAVVADFLAEKIPDVSMG
SEKLAVVGSPPFWMAPEVLRDEPYNEKADVFSYGIIICEIARIQADPDYLPRTENFGLDYDAFQHMVGD
PPDFLQLTFNCCNMDPKLRPSFVEIGKTLEEILSRLQEEEQERDRKLQPTARGLLEKAPGVKRLSSLDDK
IPHKSPCPRRTIWLRSQSDIFSRKPPRTVSVLDPYYRPRDGAARTPKVNPFSARQDLMGGKIKFFDLPS
KSVISLVFDLDAPGPGTMPLADWQEPLAPPIRRWRSPLGSPFLHQEACPFVGREESLSDGPPRLSSLK
YRVKEIPFRASALPAAQAHEAMDCSILQEENGFGSRPQGTSPCAGASEEMEVEERPAGSTPATFSTSG
IGLQTQGGKQDG

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

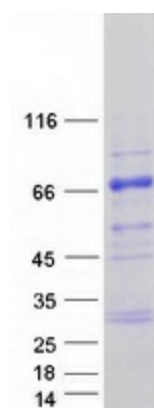
Tag:	C-Myc/DDK
Predicted MW:	63.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_009101
Locus ID:	10420
UniProt ID:	Q96S53
RefSeq Size:	3093
Cytogenetics:	1p34.1
RefSeq ORF:	1713
Summary:	This gene product is a serine/threonine protein kinase that contains an N-terminal protein kinase domain that is structurally similar to the kinase domains of testis-specific protein kinase-1 and the LIM motif-containing protein kinases (LIMKs). Its overall structure is most related to the former, indicating that it belongs to the TESK subgroup of the LIMK/TESK family of protein kinases. This gene is predominantly expressed in testis and prostate. The developmental expression pattern of the rat gene in testis suggests an important role for this gene in meiotic stages and/or early stages of spermiogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]
Protein Families:	Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified TESK2 protein (Cat# [TP324117]). The protein was produced from HEK293T cells transfected with TESK2 cDNA clone (Cat# [RC224117]) using MegaTran 2.0 (Cat# [TT210002]).