

Product datasheet for PH324117

TESK2 (NM_007170) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TESK2 MS Standard C13 and N15-labeled recombinant protein (NP_009101)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224117
Predicted MW:	63.5 kDa
Protein Sequence:	>RC224117 representing NM_007170 Red=Cloning site Green=Tags(s)

MDRSKRNSIAGFPPRVERLEEFEGGGGEGNVSQVGRVWPSSYRALISAFSRLTRLDDFTCEKIGSGFFS
EVFKVRHRASGQVMALKMNTLSSNRANMLKEVQLMNRLSHPNILRFMGVCVHQQLHALTEYINSGNLEQ
LLDSNLHLPWTVRVKLAYDIAVGLSYLHFKGIFHRDLTSKNCLIKRDENGYSAVVADFGLAEKIPDVSMG
SEKLAVVGSPPFWMAPEVLRDEPYNEKADVFSYGIILCEIARIQADPDYLPRTENGLDYDAFQHMVGDG
PPDFLQLTFNCCNMDPKLRPSFVEIGKLEELSRLQEEEQERDRKLQPTARGLLEKAPGVKRLSSLDK
IPHKSPCPRRTIWLRSQSDIFSRKPPRTVSVLDPYYRPRDGAARTPKVNPFSARQDLMGGKIKFFDLPS
KSVISLVFDLDAPGPGTMPLADWQEPLAPPIRRWRSPLGSPFEFLHQEACPFVGREESLSDGPPRLSSLK
YRVKEIPPPFRASALPAAQAHEAMDCSILQEENFGSRPQGTSPCPAGASEEMEVEERPAGSTPATFSTSG
IGLQTQKQDG

SGPTRRRLEQKLI SEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_009101
RefSeq Size:	3093
RefSeq ORF:	1713



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Locus ID: 10420

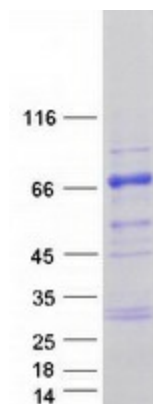
UniProt ID: [Q96S53](#)

Cytogenetics: 1p34.1

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]).