

Datasheet for ABIN7544370

## TESK2 Protein (AA 1-571) (His tag)



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### Overview

Quantity:	1 mg
Target:	TESK2
Protein Characteristics:	AA 1-571
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSK2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat TSK2 Protein expressed in mammalian cells.
Sequence:	<p>MDRSKRNSIA GFPPRVERLE EFEGGGGGEG NVSQVGRVWP SSYRALISAF SRLTRLDDFT  CEKIGSGFFS EVFKVRHRAS GQVMALKMNT LSSNRANMLK EVQLMNRLSH PNILRFMGVC  VHQQQLHALT EYINSGNLEQ LLDSNLHLPW TVRVKLAYDI AVGLSYLHFK GIFHRDLTSK  NCLIKRDENG YSAVVADFGL AEKIPDVSMG SEKLAVVGSP FWMapeVLRD EPYNEKADV  SYGIILCEII ARIQADPDYL PRTEFGLDY DAFQHMVGDC PPDFLQLTFN CCNMDPKLRP  SFVEIGKTLE EILSRLQEEE QERDRKLQPT ARGILLEKAPG VKRLSSSLDDK IPHKSPCPRR  TIWLSRSQSD IFSRKPPRTV SVLDPYYRPR DGAARTPKVN PFSARQDLMG GKIKFFDLPS  KSVISLVFDL DAPGPGTMPL ADWQEPLAPP IRRWRSPLGS PEFLHQEACP FVGREESLSD  GPPPRLLSLK YRVKEIPPFR ASALPAAQAH EAMDCSILQE ENGFGSRPQG TSPCPAGASE  EMEVEERPAG STPATFSTSG IGLQTQGKQD G <b>Sequence without tag. The proposed</b>  <b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p>

**of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	TESK2
Alternative Name:	TESK2 ( <a href="#">TESK2 Products</a> )
Background:	Dual specificity testis-specific protein kinase 2 (EC 2.7.12.1) (Testicular protein kinase 2),FUNCTION: Dual specificity protein kinase activity catalyzing autophosphorylation and phosphorylation of exogenous substrates on both serine/threonine and tyrosine residues. Phosphorylates cofilin at 'Ser-3'. May play an important role in spermatogenesis.
Molecular Weight:	63.6 kDa
UniProt:	<a href="#">Q96S53</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months