

Datasheet for ABIN7559830
TESK2 Protein (AA 1-570) (His tag)



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Overview

Quantity:	1 mg
Target:	TESK2
Protein Characteristics:	AA 1-570
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TESK2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Tesk2 Protein expressed in mammalian cells.
Sequence:	<p>MDRSKRNSIA GFPPRVERLE EFEGGGGGDG NTVQVGRVSS SSYRAIISAF SRLTSLDDFT</p> <p>REKIGSGFFS EVFKVRHRAS GQVMALKMNT LSSNRANLLK EMQLMNRLSH PNILRFMGVC</p> <p>VHQQQLHALT EYINSGNLEQ LLSDLYLPW TVRVKLAYDI AVGLSYLHFK GIFHRDLTSK</p> <p>NCLIKRDENG YSAVVADFGL AEKIPDASIG REKLAVVGSP FWMAPEVLRD EPYNEKADVF</p> <p>SYGIILCEII ARIQADPDYL PRTEFGLDY DAFQNMVGDC PSDFLQLTFN CCNMDPKLRP</p> <p>SFEEIGKTLK EIMSRLPEEE LERDRKLQPT AKGPLEKVPK GKRLSSLDDK IPHKSPRRR</p> <p>TIWLSRSQSD IFSHKPPRTV SVLDPYYQPR DGATHTPKVN PFSARQDLKG GKVKFFDLPS</p> <p>KSVISLVFDL DAPGPGSTTL ADCQEPLAMS SRRWRSPLGS PEFLHQACPF MGCEESLSDG</p> <p>PPRLSSLKY GVREIPPFRT SALSAASGHE AMDCSNPQEE NGFGPRLKGT SLCTGAASEE</p> <p>MEVEEERPRR ASVYFSISGI SLQTQAKQDG Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the</p>

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">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <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 (TESK2 Products)
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 (By similarity). {ECO:0000250}.
Molecular Weight:	63.5 kDa
UniProt:	Q8VCT9
Pathways:	Cell-Cell Junction Organization

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.

Restrictions: For Research Use only

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