



# Recombinant Human Dual specificity testis-specific protein kinase 2 (TESK2)

<b>Product Code</b>	CSB-BP839412HU
<b>Abbreviation</b>	TESK2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q96S53
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MDRSKRNSIA GFPPRVERLE EFEGGGGGEG NVSQVGRVWP SSYRALISAF SRLTRLDDFT CEKIGSGFFS EVFKVRHRAS GQVMALKMNT LSSNRANMLK EVQLMNRLSH PNILRFMGVC VHQQQLHALT EYINSGNLEQ LLDSNLHLPW TVRVKLAYDI AVGLSYLHFK GIFHRDLTSK NCLIKRDENG YSAVVADFG AEKIPDVSMG SEKLAVVGSP FWMapeVLRD EPYNEKADV SYGIILCEII ARIQADPDYL PRTEFGLDY DAFQHMVGDC PPDFLQLTFN CCNMDPKLRP SFVEIGKTLE EILSRLQEEE QERDRKLQPT ARGLEKAPG VKRLSSLDDK IPHKSPCPRR TIWLSRSQSD IFSRKPPRTV SVLDPYYRPR DGAARTPKVN PFSARQDLMG GKIKFFDLPS KSVISLVFDL DAPGPGTMPL ADWQEPLAPP IRRWRSLPGS PEFLHQEACP FVGREESLSD GPPRLSSLK YRVKEIPPF ASALPAAQAH EAMDCSILQE ENGFGSRPQG TSPCPAGASE EMEVEERPAG STPATFSTSG IGLQTQGKQD G
<b>Source</b>	Baculovirus
<b>Target Names</b>	TESK2
<b>Protein Names</b>	Recommended name: Dual specificity testis-specific protein kinase 2 EC=2.7.12.1 Alternative name(s): Testicular protein kinase 2
<b>Expression Region</b>	1-571
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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