



# Recombinant Human Dual specificity testis-specific protein kinase 1 (TESK1)

<b>Product Code</b>	CSB-EP623004HU-B
<b>Abbreviation</b>	TESK1
<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>	Q15569
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAGERPPLRG PGPGEVPG EGPPGGTG GGPGRGRPSS YRALRSVSS LARVDDFHCA EKIGAGFFSE VYKVRHRQSG QVMVLKMNKL PSNRGNTLRE VQLMNRLRHP NILRFMGVCV HQGQLHALTE YMNGGTLEQL LSSPEPLSWP VRLHLALDIA RGLRYLHSGK VFHRDLTSKN CLVRREDRGF TAVVGDFGLA EKIPVYREGA RKEPLAVVGS PYWMAPEVLR GELYDEKADV FAFGIVLCEL IARVPADPDY LPRTEDFGLD VPAFRTLVDG DCPLPFLLLA IHCCNLEPST RAPFTEITQH LEWILEQLPE PAPTTRTALT HNQGVSARGG PSATLPRPDP RLSRSRSDLF LPPSPESPNN WGDNLTRVNP FSLREDLRGG KIKLLDTPSK PVLPLVPPSP FPSTQLPLVT TPETLVQPGT PARRCRSLPS SPELPRRMET ALPGPGPPAV GPSAEEKMEC EGSSPEPEPP GPAPQLPLAV ATDNFISTCS SASQPWSPRS GPVLNNNPPA VVNSPQGWA GEPWNRAQHS LPRAAALERT EPSPPPSAPR EPDEGLPCPG CCLGPFSFGF LSMCPRPTPA VARYRNLNCE AGSLLCHRGH HAKPPTPSLQ LPGARS
<b>Source</b>	E.coli
<b>Target Names</b>	TESK1
<b>Protein Names</b>	Recommended name: Dual specificity testis-specific protein kinase 1 EC= 2.7.12.1 Alternative name(s): Testicular protein kinase 1
<b>Expression Region</b>	1-626
<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 and a C-terminal proline-rich domain. Its protein kinase domain is most closely related to those of the LIM motif-containing protein kinases (LIMKs). The encoded protein can phosphorylate myelin basic protein and histone in vitro. The testicular germ cell-specific expression and



developmental pattern of expression of the mouse gene suggests that this gene plays an important role at and after the meiotic phase of spermatogenesis.

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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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