Bioworld Technology CO., Ltd.

TESK2 (F240) Peptide

Cat No.: BS9199P

Background

TESK2 (testicular protein kinase 2) is a nuclear protein that belongs to the protein kinase superfamily and is expressed in testis and prostate. Functioning as a dual specificity protein kinase, TESK2 catalyzes the ATP-dependent phosphorylation of substrates and autophosphorylation on tyrosine and serine/ threonine residues, thereby mediating intracellular signal transduction pathways. TESK2 requires magnesium as a cofactor and its catalytic activity is thought to play an important role in meiotic events such as spermatogenesis.TESK2 contains one protein kinase domain that is 65% identical to the kinase domain found in TESK1 (testicular protein kinase 1), suggesting a similar role for these proteins in phosphorylation events. Three isoforms of TESK2 are expressed due to alternative splicing.

Swiss-Prot

Q96S53

Applications

Blocking

Specificity

This peptide can be used with studies using BS9199 TESK2 (F240) pAb.

Purification & Purity

Synthetic peptide TESK2 (F240). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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