

## Recombinant Human TESK2 cell lysate

Cat. No. TESK2-1761HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</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.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	TESK2 testis-specific kinase 2 [ Homo sapiens ]
<b>Official Symbol</b>	TESK2
<b>Synonyms</b>	TESK2; testis-specific kinase 2; dual specificity testis-specific protein kinase 2;

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	testicular protein kinase 2;
<b>Gene ID</b>	10420
<b>mRNA Refseq</b>	NM_007170
<b>Protein Refseq</b>	NP_009101
<b>MIM</b>	604746
<b>UniProt ID</b>	Q96S53
<b>Chromosome Location</b>	1p32
<b>Pathway</b>	Focal Adhesion, organism-specific biosystem;
<b>Function</b>	ATP binding; metal ion binding; nucleotide binding; protein kinase activity; protein serine/threonine kinase activity; protein serine/threonine/tyrosine kinase activity; protein tyrosine kinase activity;

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