

Recombinant Human TESK2 cell lysate

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

SPECIFICATION

Product Overview

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

GENE INFORMATION

Gene Name	TESK2 testis-specific kinase 2 [Homo sapiens]
Official Symbol	TESK2

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Synonyms	TESK2; testis-specific kinase 2; dual specificity testis-specific protein kinase 2; testicular protein kinase 2;
Gene ID	10420
mRNA Refseq	NM_007170
Protein Refseq	NP_009101
MIM	604746
UniProt ID	Q96S53
Chromosome Location	1p32
Pathway	Focal Adhesion, organism-specific biosystem;
Function	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;