TESK1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	TESK1, Blocking Peptide
Full Product Name	TESK1 Blocking Peptide
Product Gene Name	TESK1 blocking peptide
Preparation and Storage	Store at -20 degree C for long term storage
Antibody/Peptide Pairs	TESK1 peptide (MBS5401477) is used for blocking the activity of TESK1 antibody (MBS5401557)
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Molecular Weight	67,684 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (35605281..35610038). Location: 9p13
OMIM	601782
Immunogen	Synthetic peptide corresponding to amino acids within region 200-250 on rat 5-hydroxytrptamine receptor 1A protein
Product Categories/Family for TESK1 blocking peptide	Biomolecule
Applications Tested/Suitable for TESK1 blocking peptide	Immunodepletion, Immunocompetition
Related Product Information for TESK1 blocking peptide	Antigenic Blocking Peptide Dual specificity testis-specific protein kinase 1 Antibody
Other Notes	Small volumes of TESK1 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TESK1 purchase	MBS5401477 is a blocking peptide targeting TESK1.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TESK1. It may not necessarily be applicable to this product.

NCBI GI #	66932999
NCBI GeneID	7016
NCBI Accession #	NP_006276.2
UniProt Primary Accession #	Q15569
UniProt Secondary Accession #	Q8IXZ8
UniProt Related Accession #	Q15569
GenBank Nucleotide #	NM_006285.2
NCBI Official Full Name	dual specificity testis-specific protein kinase 1
NCBI Official Synonym Full Names	testis-specific kinase 1
NCBI Official Symbol	TESK1
UniProt Protein Name	Dual specificity testis-specific protein kinase 1

UniProt Synonym Protein Names	Testicular protein kinase 1
Protein Family	Dual specificity testis-specific protein kinase
UniProt Gene Name	TESK1
UniProt Entry Name	TESK1_HUMAN
NCBI Protein Information	dual specificity testis-specific protein kinase 1; testicular protein kinase 1
NCBI Summary for TESK1	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. [provided by RefSeq, Jul 2008]
UniProt Comments for TESK1	TESK1: a TKL kinase of the LISK fanily. Its testicular germ cell-specific expression and developmental pattern of expression in the mouse suggests that this kinase plays an important role at and after the meiotic phase of spermatogenesis. Protein type: Protein kinase, Ser/Thr (non-receptor); EC 2.7.12.1; Protein kinase, TKL; Kinase, protein; TKL group; LISK family; TESK subfamily Chromosomal Location of Human Ortholog: 9p13 Cellular Component: cytosol Molecular Function: protein serine/threonine kinase activity; protein binding; protein-tyrosine kinase activity; metal ion binding; protein serine/threonine/tyrosine kinase activity; ATP binding Biological Process: peptidyl-tyrosine phosphorylation; spermatogenesis
Research Articles on TESK1	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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