

Recombinant Mouse Tesk2 Protein, His-tagged

Cat. No. Tesk2-2122M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tesk2 Protein (Asp58-Met313) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp58-Met313
Description	Predicted to enable protein serine/threonine kinase activity. Predicted to be involved in actin cytoskeleton organization; focal adhesion assembly; and protein phosphorylation. Predicted to act upstream of or within phosphorylation. Predicted to be located in nuclear body. Predicted to be active in cytoplasm and nucleus. Is expressed in several structures, including alimentary system; genitourinary system; integumental system; nervous system; and sensory organ. Orthologous to human TESK2 (testis associated actin remodelling kinase 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.8 kDa Accurate Molecular Mass: 33 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Tesk2 testis-specific kinase 2 [Mus musculus (house mouse)]
Official Symbol	Tesk2
Synonyms	TESK2; testis-specific kinase 2; dual specificity testis-specific protein kinase 2; testicular protein kinase 2; MGC29168;
Gene ID	230661
mRNA Refseq	NM_146151
Protein Refseq	NP_666263
UniProt ID	Q8VCT9

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