

Active Recombinant Mouse Tek protein, His-tagged

Cat. No. Tek-7418M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tek protein(Q02858)(Met1-Lys744), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys744
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized mouse TEK-His at 10 µg/ml (100 µl/well) can bind human Ang2-Fc with a linear range of 6.25-200 ng/ml.
Molecular Mass	The recombinant mouse TEK comprises 733 amino acids and has a predicted molecular mass of 82 kDa. The apparent molecular mass of the protein is approximately 91 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Gene Name**

Tek endothelial-specific receptor tyrosine kinase [*Mus musculus*]

Official Symbol

Tek

Synonyms

TEK; endothelial-specific receptor tyrosine kinase; angiotensin-1 receptor; STK1; mTIE2; p140 TEK; endothelial tyrosine kinase; tyrosine-protein kinase receptor TEK; tunica interna endothelial cell kinase; tyrosine-protein kinase receptor TIE-2; tyrosine kinase with Ig and EGF homology domains-2; Hyk; Tie2; tie-2; Cd202b; AA517024;

Gene ID

21687

mRNA Refseq

NM_013690

Protein Refseq

NP_038718

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