

Active Recombinant Mouse TEK protein, Fc-tagged

Cat. No. TEK-2215M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TEK protein(Ala 23 - Leu 746), fused with Fc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Ala 23 - Leu 746
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Mouse Angiopoietin-2, His Tag at 5 µg/mL (100 µL/well) can bind Mouse TIE2, Fc Tag with a linear range of 5-78 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 107.4 kDa. The protein migrates as 120-140 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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conditions after reconstitution.

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; angiopoietin-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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