Active Recombinant Mouse Tek, Fc Chimera

Cat. No. Tek-490M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tek (Accession # CAA47857) was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Ala23
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized rmTie-2/Fc Chimera at 4 μg/mL (100 μl/well) can bind rhAngiopoietin-2 with a linear range of 2 - 50 ng/mL.
Molecular Mass	Recombinant Mouse Tek, Fc Chimera has a calculated MW of 107.2 kDa (monomer). In SDS-PAGE migrates as 125-135 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

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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
MIM	

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