

## Active Recombinant Mouse Tek, Fc Chimera

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Tek (Accession # CAA47857) was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Ala23
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Mouse Tek, Fc Chimera has a calculated MW of 107.2 kDa (monomer). In SDS-PAGE migrates as 125-135 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">Tek endothelial-specific receptor tyrosine kinase [ Mus musculus ]</a>
<b>Official Symbol</b>	Tek
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">21687</a>
<b>mRNA Refseq</b>	<a href="#">NM_013690</a>
<b>Protein Refseq</b>	<a href="#">NP_038718</a>
<b>MIM</b>	

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