

## Active Recombinant Rat Tek, Fc Chimera

Cat. No. Tek-675R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Tek (Accession # NP_001099207) was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Rat
<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 rrTie-2/Fc Chimera at 4 µg/mL (100 µL/well) can bind rhAngiopoietin-2 with a linear range of 0.8 - 50 ng/mL.
<b>Molecular Mass</b>	Recombinant Rat Tek, Fc Chimera has a calculated MW of 107.3 kDa (monomer). In SDS-PAGE migrates as 120-140 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>	Tek TEK tyrosine kinase, endothelial [ <a href="#">Rattus norvegicus</a> ]
<b>Official Symbol</b>	Tek
<b>Synonyms</b>	TEK; TEK tyrosine kinase, endothelial; angiotensin-1 receptor; endothelial-specific receptor tyrosine kinase; tyrosine kinases that contain immunoglobulin-like loops and epidermal growth factor-similar domains 2; Tie2; Tie-2;
<b>Gene ID</b>	<a href="#">89804</a>
<b>mRNA Refseq</b>	<a href="#">NM_001105737</a>
<b>Protein Refseq</b>	<a href="#">NP_001099207</a>
<b>MIM</b>	

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