

Active Recombinant Rat Tek, Fc Chimera

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

SPECIFICATION

Product Overview	Recombinant Rat Tek (Accession # NP_001099207) was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
Predicted N Terminal	Ala23
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Rat Tek, Fc Chimera has a calculated MW of 107.3 kDa (monomer). In SDS-PAGE migrates as 120-140 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: lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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Gene Name	Tek TEK tyrosine kinase, endothelial [Rattus norvegicus]
Official Symbol	Tek
Synonyms	TEK; TEK tyrosine kinase, endothelial; angiopoietin-1 receptor; endothelial-specific receptor tyrosine kinase; tyrosine kinases that contain immunoglobulin-like loops and epidermal growth factor-similar domains 2; Tie2; Tie-2;
Gene ID	89804
mRNA Refseq	NM_001105737
Protein Refseq	NP_001099207
MIM	

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