

Active Recombinant Zebrafish tek Protein, Fc Chimera

Cat. No. tek-1020Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish tek (Accession # O73791), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Zebrafish
Source	Mammalian Cells
Predicted N Terminal	Val22
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rzfTie-2/Fc Chimera at 4 µg/mL (100 µL/well) can binds rhAngiopoietin-2 with a linear range of 2 - 100 ng/mL.
Molecular Mass	Recombinant Zebrafish tek, Fc Chimera has a calculated MW of 104.4 kDa (monomer). In SDS-PAGE migrates as 122 kDa, reducing conditions.
Purity	>95%, 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).
Reconstitution	Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% human or bovine

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serum albumin.

GENE INFORMATION

Gene Name	tek TEK tyrosine kinase, endothelial [<i>Danio rerio</i> (zebrafish)]
Official Symbol	tek
Synonyms	tie2; tie-2; tyrosine-protein kinase receptor Tie-2; tyrosine-protein kinase receptor Tie-2; endothelium-specific receptor tyrosine kinase 2; tyrosine kinase with Ig and EGF homology domains-2
Gene ID	30747
mRNA Refseq	NM_131461.1
Protein Refseq	NP_571536.1
MIM	
UniProt ID	O73791
Chromosome Location	chromosome: 5

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