

## Active Recombinant Zebrafish tek Protein, Fc Chimera

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Zebrafish tek (Accession # O73791), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Zebrafish
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Val22
<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 rzfTie-2/Fc Chimera at 4 µg/mL (100 µL/well) can binds rhAngiopoietin-2 with a linear range of 2 - 100 ng/mL.
<b>Molecular Mass</b>	Recombinant Zebrafish tek, Fc Chimera has a calculated MW of 104.4 kDa (monomer). In SDS-PAGE migrates as 122 kDa, reducing conditions.
<b>Purity</b>	>95%, 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).
<b>Reconstitution</b>	Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% human or bovine

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

serum albumin.

**GENE INFORMATION**

<b>Gene Name</b>	tek TEK tyrosine kinase, endothelial [ <i>Danio rerio</i> (zebrafish) ]
<b>Official Symbol</b>	tek
<b>Synonyms</b>	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
<b>Gene ID</b>	30747
<b>mRNA Refseq</b>	NM_131461.1
<b>Protein Refseq</b>	NP_571536.1
<b>MIM</b>	
<b>UniProt ID</b>	O73791
<b>Chromosome Location</b>	chromosome: 5

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