

## Recombinant Zebrafish tnfa Protein, His-tagged

Cat. No. tnfa-439Z Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Zebrafish tnfa Protein (Ala88-Leu234) with N-His tag was expressed in E. coli.
<b>Species</b>	Zebrafish
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala88-Leu234
<b>Description</b>	<p>Predicted to enable receptor ligand activity. Involved in positive regulation of hematopoietic stem cell differentiation. Acts upstream of or within several processes, including fin regeneration; intestinal epithelial structure maintenance; and response to bacterium. Is active in extracellular space. Is expressed in several structures, including central nervous system; digestive system; eye; male organism; and pleuroperitoneal region. Human ortholog(s) of this gene implicated in several diseases, including artery disease (multiple); autoimmune disease (multiple); eye disease (multiple); lung disease (multiple); and skin disease (multiple). Orthologous to several human genes including LTA (lymphotoxin alpha).</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 20.1 kDa Accurate Molecular Mass: 20 kDa
<b>Purity</b>	> 90%

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<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">tnfa tumor necrosis factor a (TNF superfamily, member 2) [ Danio rerio (zebrafish) ]</a>
<b>Official Symbol</b>	<a href="#">tnfa</a>
<b>Synonyms</b>	tnfa tumor necrosis factor a (TNF superfamily, member 2); tumor necrosis factor a (TNF superfamily, member 2); TNF-alpha 1; TNF1; tumor necrosis factor, alpha
<b>Gene ID</b>	<a href="#">405785</a>
<b>mRNA Refseq</b>	<a href="#">NM_212859</a>
<b>Protein Refseq</b>	<a href="#">NP_998024</a>
<b>UniProt ID</b>	<a href="#">Q08CQ3</a>

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