Recombinant Zebrafish il15 Protein, His-tagged

Cat. No. il15-1005Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish il15 Protein (Met1-Glu141) with His tag was expressed in E. coli.
Species	Zebrafish
Source	E.coli
ProteinLength	Met1-Glu141
Description	Predicted to enable cytokine activity. Predicted to be involved in several processes, including neutrophil activation; positive regulation of T cell proliferation; and positive regulation of macromolecule metabolic process. Predicted to act upstream of or within immune response. Predicted to be located in extracellular region. Predicted to be active in extracellular space. Is expressed in liver and spleen. Human ortholog(s) of this gene implicated in aspergillosis; asthma; pleurisy; and type 1 diabetes mellitus. Orthologous to human IL15 (interleukin 15).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.6 kDa; Accurate Molecular Mass: 18 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	il15 interleukin 15 [Danio rerio (zebrafish)]
Official Symbol	il15
Synonyms	IL15; interleukin 15; interleukin-15; IL-15
Gene ID	654826
mRNA Refseq	NM_001039565
Protein Refseq	NP_001034654
UniProt ID	Q15KG7

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