

Recombinant Zebrafish il10 Protein, His-tagged

Cat. No. il10-998Z Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish il10 Protein (Arg23-His180) with His tag was expressed in E. coli.
Species	Zebrafish
Source	E.coli
ProteinLength	Arg23-His180
Description	Predicted to enable cytokine activity. Acts upstream of or within defense response to bacterium; negative regulation of inflammatory response; and response to lipopolysaccharide. Predicted to be located in extracellular space. Is expressed in blood; digestive system; gill; and pleuroperitoneal region. Human ortholog(s) of this gene implicated in several diseases, including artery disease (multiple); autoimmune disease (multiple); eye disease (multiple); gastrointestinal system cancer (multiple); and hematologic cancer (multiple). Orthologous to human IL10 (interleukin 10).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.4 kDa; Accurate Molecular Mass: 22 kDa
Purity	> 90%
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	il10 interleukin 10 [Danio rerio (zebrafish)]
Official Symbol	il10
Synonyms	il10; interleukin 10; zgc:194510; zgc:194518; interleukin-10
Gene ID	553957
mRNA Refseq	NM_001020785
Protein Refseq	NP_001018621
UniProt ID	Q5EFQ8

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