

Recombinant Zebrafish igfbp1a Protein, His-tagged

Cat. No. igfbp1a-989Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish igfbp1a Protein (Ser26-His262) with His tag was expressed in E. coli.
Species	Zebrafish
Source	E.coli
ProteinLength	Ser26-His262
Description	Enables insulin-like growth factor I binding activity and insulin-like growth factor II binding activity. Acts upstream of or within negative regulation of cell population proliferation; regeneration; and response to hypoxia. Located in cytoplasm. Is expressed in several structures, including adaxial cell; brain; cardiovascular system; digestive system; and gonad. Human ortholog(s) of this gene implicated in diabetic angiopathy. Orthologous to human IGFBP1 (insulin like growth factor binding protein 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.5 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	igfbp1a insulin-like growth factor binding protein 1a [Danio rerio (zebrafish)]
Official Symbol	igfbp1a
Synonyms	igfbp1a; insulin-like growth factor binding protein 1a; cb656; igfbp1; IGFBP-1; insulin-like growth factor-binding protein 1a; insulin-like growth factor binding protein-1
Gene ID	317638
mRNA Refseq	NM_173283
Protein Refseq	NP_775390
UniProt ID	Q90YJ7

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