

Recombinant Zebrafish prl Protein, His&GST-tagged

Cat. No. prl-1197Z Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish prl Protein (Met1-Cys210) with His&GST tag was expressed in E. coli.
Species	Zebrafish
Source	E.coli
ProteinLength	Met1-Cys210
Description	Predicted to enable hormone activity. Acts upstream of or within ion homeostasis; multicellular organismal response to stress; and negative regulation of apoptotic process. Predicted to be located in extracellular region. Predicted to be active in extracellular space. Is expressed in adenohypophyseal placode; female organism; hypophysis; male organism; and peptide hormone secreting cell. Human ortholog(s) of this gene implicated in carotid artery disease. Orthologous to human PRL (prolactin).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.2 kDa; Accurate Molecular Mass: 53 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	prl prolactin [Danio rerio (zebrafish)]
Official Symbol	prl
Synonyms	prl; prolactin; zgc:110500; prolactin; prl1
Gene ID	791526
mRNA Refseq	NM_181437
Protein Refseq	NP_852102
UniProt ID	www.uniprot.org/uniprot/Q569P7