

Recombinant Zebrafish rela Protein, His-tagged

Cat. No. rela-2736Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish rela Protein (Gln15-Asn189) with N-His tag was expressed in E. coli.
Species	Zebrafish
Source	E.coli
ProteinLength	Gln15-Asn189
Description	Enables DNA-binding transcription factor activity, RNA polymerase II-specific. Acts upstream of or within several processes, including defense response to virus; positive regulation of transcription, DNA-templated; and regulation of apoptotic process. Located in nucleus. Is expressed in intestine; kidney; liver; male organism; and posterior intestine. Human ortholog(s) of this gene implicated in ductal carcinoma in situ; lung non-small cell carcinoma; lymphoma; and renal cell carcinoma. Orthologous to human RELA (RELA proto-oncogene, NF-kB subunit).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.6 kDa Accurate Molecular Mass: 24 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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	rela v-rel avian reticuloendotheliosis viral oncogene homolog A [Danio rerio (zebrafish)]
Official Symbol	rela
Synonyms	rela; v-rel avian reticuloendotheliosis viral oncogene homolog A; p65; nfkb3; transcription factor p65; P65 transcription factor; v-rel reticuloendotheliosis viral oncogene homolog A
Gene ID	415099
mRNA Refseq	NM_001001839
Protein Refseq	NP_001001839

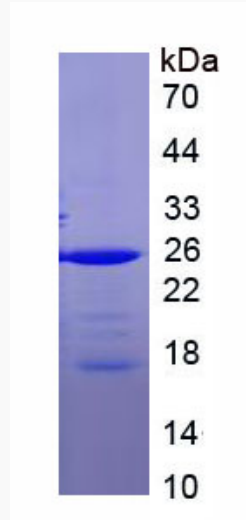
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UniProt ID

B3DHW2



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