

Recombinant Human ZNF10 protein, His & T7-tagged

Cat. No. ZNF10-7941H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZNF10 aa. (Met1~Asp244 (Accession # P21506)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Asp244
Description	The protein encoded by this gene contains a C2H2 zinc finger, and has been shown to function as a transcriptional repressor. The Kruppel-associated box (KRAB) domain of this protein is found to be responsible for its transcriptional repression activity. RING finger containing protein TIF1 was reported to interact with the KRAB domain, and may serve as a mediator for the repression activity of this protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.3kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.3.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	ZNF10 zinc finger protein 10 [Homo sapiens (human)]
Official Symbol	ZNF10
Synonyms	ZNF10; zinc finger protein 10; KOX1; zinc finger protein 10 (KOX 1); zinc finger protein KOX1
Gene ID	7556
mRNA Refseq	NM_015394.4
Protein Refseq	NP_056209.2

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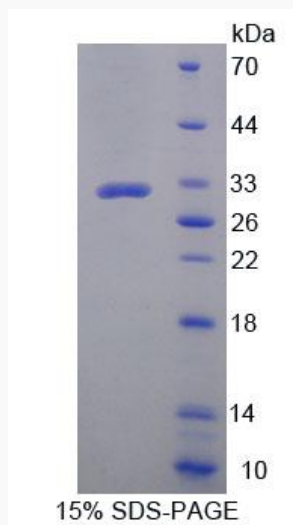
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UniProt ID

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SDS-PAGE

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