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# **ZBED1 Protein (His tag)**



#### Overview

Quantity:	50 μg
Target:	ZBED1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZBED1 protein is labelled with His tag.

## **Product Details**

Purpose:	Recombinant Human ZBED1 Protein (His Tag)
Sequence:	Asn3-Glu100
Characteristics:	Recombinant Human Zinc Finger BED Domain-Containing Protein 1 is produced by our E.coli expression system and the target gene encoding Asn3-Glu100 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## **Target Details**

Target:	ZBED1
Alternative Name:	ZBED1 (ZBED1 Products)
Background:	Background: Zinc Finger BED Domain-Containing Protein 1 (ZBED1) contains one BED-type zinc
	finger and is found in the cell nucleus. ZBED1 is widely expressed, highly in heart, skeletal

#### **Target Details**

muscle, spleen and placenta. The expression of ZBED1 is usually linked to the cell cycle. During the G1/S phase, the expression is increasing. During the S/G2 phage, the expression reaches to the highest, and then decreasing. ZBED1 exists in homodimer forms, which can bind to 5'-TGTCCG[CT]GA[CT]A-3' DNA elements, that can be found in the promoter regions of a number of gene related to cell proliferation.

Synonym: Zinc Finger BED Domain-Containing Protein 1, Putative Ac-Like Transposable Element, dREF Homolog, ZBED1, ALTE, DREF, KIAA0785, TRAMP

Molecular Weight:

12.5 kDa

UniProt:

096006

#### **Application Details**

Restrictions:

For Research Use only

#### Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.  Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.