

Recombinant Human ZBED1, His-tagged

Cat. No. ZBED1-7784H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Zinc Finger BED DomainContaining Protein 1/ZBED1 is produced by our E. coli expression system. The target protein is expressed with sequence (Asn3Glu100) of Human ZBED1 fused with a 6His tag at the Cterminus.
Species	Human
Source	E.coli
Description	Zinc Finger BED DomainContaining Protein 1 (ZBED1) contains one BEDtype zinc finger and is found in the cell nucleus. ZBED1 is widely expressed, highly in heart, skeletal 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 phase, the expression reaches to the highest, and then decreasing. ZBED1 exists in homodimer forms, which can bind to 5'??TGTCCG[CT]GA[CT]A3?? DNA elements, that can be found in the promoter regions of a number of gene related to cell proliferation.
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 20°C. though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C. for 2-7

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days. Aliquots of reconstituted samples are stable at less than 20°C. for 3 months.

GENE INFORMATION

Gene Name	ZBED1 zinc finger, BED-type containing 1 [Homo sapiens]
Official Symbol	ZBED1
Synonyms	ZBED1; zinc finger, BED-type containing 1; Ac like transposable element , ALTE; zinc finger BED domain-containing protein 1; DREF; hDREF; KIAA0785; TRAMP; dREF homolog; Ac-like transposable element; DNA replication-related element binding factor; BED-type zinc finger domain-containing protein 1; ALTE;
Gene ID	9189
mRNA Refseq	NM_001171135
Protein Refseq	NP_001164606
MIM	300178
UniProt ID	O96006
Chromosome Location	Xp22.33 and Yp11
Function	DNA binding; metal ion binding; protein dimerization activity; transposase activity;

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