

## Recombinant Human ZBED1 Protein (His Tag)

Catalog No. PKSH033233

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

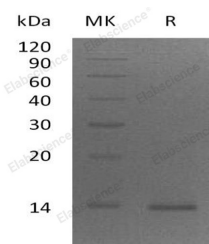
### Description

<b>Synonyms</b>	Zinc Finger BED Domain-Containing Protein 1; Putative Ac-Like Transposable Element; dREF Homolog; ZBED1; ALTE; DREF; KIAA0785; TRAMP
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Asn3-Glu100
<b>Accession</b>	O96006
<b>Calculated Molecular Weight</b>	12.5 kDa
<b>Observed molecular weight</b>	14 kDa
<b>Tag</b>	C-His
<b>Bioactivity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

Zinc Finger BED Domain-Containing Protein 1 (ZBED1) contains one BED-type zinc finger and is found in the cell

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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]A-3' DNA elements, that can be found in the promoter regions of a number of gene related to cell proliferation.