

ZBED1 Protein, Human, Recombinant (His)

General Information

Synonyms:	TRAMP;dREF Homolog;ALTE;DREF;ZBED1;Zinc Finger BED Domain-Containing Protein 1; Putative Ac-Like Transposable Element;KIAA0785
Protein Construction:	Asn3-Glu100
Species:	Human
Expression Host:	E. coli
Accession:	O96006
Molecular Weight:	14 KDa (reducing condition)
AA Sequence:	Asn3-Glu100

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing PBS, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein 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 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'-TGTCGG[CT]GA[CT]A-3' DNA elements, that can be found in the promoter regions of a number of gene

related to cell proliferation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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