



Human ZBED1 peptide (DAG-P0444)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. It was earlier identified as a gene with similarity to Ac transposable elements, however, was found not to have transposase activity. Later studies show that this gene product is localized in the nucleus and functions as a transcription factor. It binds to DNA elements found in the promoter regions of several genes related to cell proliferation, such as histone H1, hence may have a role in regulating genes related to cell proliferation. Alternatively spliced transcript variants with different 5 untranslated region have been found for this gene. [provided by RefSeq, Jan 2010]
Specificity	Ubiquitously expressed at low levels. Expression is highest in skeletal muscle, heart, spleen and placenta.
Nature	Synthetic
Expression System	N/A
Conjugate	Unconjugated
Sequence Similarities	Contains 1 BED-type zinc finger.
Cellular Localization	Nucleus. In granular structures.
Procedure	None
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

ANTIGEN GENE INFORMATION

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