



Human GTF2B blocking peptide (DAG-P1998)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes the general transcription factor IIB, one of the ubiquitous factors required for transcription initiation by RNA polymerase II. The protein localizes to the nucleus where it forms a complex (the DAB complex) with transcription factors IID and IIA. Transcription factor IIB serves as a bridge between IID, the factor which initially recognizes the promoter sequence, and RNA polymerase II. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the TFIIIB family. Contains 1 TFIIIB-type zinc finger.
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.

GENE INFORMATION

Gene Name	GTF2B general transcription factor IIB [Homo sapiens (human)]
Official Symbol	GTF2B
Synonyms	GTF2B; general transcription factor IIB; TF2B; TFIIIB; transcription initiation factor IIB; S300-II; general transcription factor TFIIIB; RNA polymerase II transcription factor IIB;
Entrez Gene ID	2959
mRNA Refseq	NM_001514.5

Protein Refseq	NP_001505.1
UniProt ID	Q00403
Chromosome Location	1p22-p21
Pathway	Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Disease, organism-specific biosystem; Epstein-Barr virus infection, organism-specific biosystem; Epstein-Barr virus infection, conserved biosystem; Eukaryotic Transcription Initiation, organism-specific biosystem; Gene Expression, organism-specific biosystem; HIV Infection, organism-specific biosystem; HIV Life Cycle, organism-specific biosystem; HIV Transcription Initiation, organism-spec
Function	TBP-class protein binding; core promoter binding; protein binding; thyroid hormone receptor binding; transcription factor binding; zinc ion binding;