



PURA peptide (DAG-P1035)

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

PRODUCT INFORMATION

Antigen Description	This gene product is a sequence-specific, single-stranded DNA-binding protein. It binds preferentially to the single strand of the purine-rich element termed PUR, which is present at origins of replication and in gene flanking regions in a variety of eukaryotes from yeasts through humans. Thus, it is implicated in the control of both DNA replication and transcription. Deletion of this gene has been associated with myelodysplastic syndrome and acute myelogenous leukemia. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the PUR DNA-binding protein family.
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	PURA purine-rich element binding protein A [Homo sapiens (human)]
Official Symbol	PURA
Synonyms	PURA; purine-rich element binding protein A; PUR1; PURALPHA; PUR-ALPHA; transcriptional activator protein Pur-alpha; purine-rich single-stranded DNA-binding protein alpha;
Entrez Gene ID	5813

mRNA Refseq	NM_005859.4
Protein Refseq	NP_005850.1
UniProt ID	Q00577
Chromosome Location	5q31
Pathway	Diurnally regulated genes with circadian orthologs, organism-specific biosystem;
Function	RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; SMAD binding; double-stranded telomeric DNA binding; poly(A) RNA binding; protein binding; purine-rich negative regulatory element binding; single-stranded DNA