

Recombinant Human PURA

Cat. No. PURA-31263TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human PURA with N terminal proprietary tag, 31.24kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	51 amino acids
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.
Molecular Weight	31.240kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

GAGGNKSRLTLSMSVAVEFRDYLGDFFIEHYAQLGPSQPPDLAQAQDEPRRA

Sequence Similarities

Belongs to the PUR DNA-binding protein family.

GENE INFORMATION

Gene Name

PURA purine-rich element binding protein A [Homo sapiens]

Official Symbol

PURA

Synonyms

PURA; purine-rich element binding protein A; transcriptional activator protein Pur-alpha; PUR ALPHA; PUR1; PURALPHA;

Gene ID

5813

mRNA Refseq

NM_005859

Protein Refseq

NP_005850

MIM

600473

Uniprot ID

Q00577

Chromosome Location

5q31

Pathway

Diurnally regulated genes with circadian orthologs, organism-specific biosystem;

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Function

DNA binding; SMAD binding; double-stranded telomeric DNA binding; protein binding; purine-rich negative regulatory element binding;

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