

Full-Length

PURA (Human) Recombinant Protein (P01)

Catalog # H00005813-P01

Size 50 ug

Specification

Product Description	Human PURA full-length ORF (AAH36087.1, 1 a.a. - 322 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MADRDSESGEQGGAALGSGGSLGHPGSGSGSGGGGGGGGGGGGGSGGGGGGAPGGLQHETQE LASKRVDIRNKRFLYLDVKQNAKGRFLKIAEVGAGGNKSRLTLSMSVAVEFRDYLGDFFIEHYAQLGP SQPPDLAQQAQDEPRRALKSEFLVRENKYYMDLKENQGRFLRIRQTVNRGPGLGSTQGQTALP AQGLIEFRDALAKLIDDYGVEEPAELPEGTSLTVDNKRFFFDVGSNKYGVFMRVSEVKPTYRNSI TVPYKVWAKFGHTFCKYSEEMKKIQEKQREKRAACEQLHQQQQQQQEETAAATLLQGEEEGE ED
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	61.82
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — PURA

Entrez GeneID	5813
GeneBank Accession#	BC036087.1
Protein Accession#	AAH36087.1
Gene Name	PURA
Gene Alias	PUR-ALPHA, PUR1, PURALPHA
Gene Description	purine-rich element binding protein A
Omim ID	600473
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	purine-rich single-stranded DNA-binding protein alpha transcriptional activator protein PUR-alpha

Disease

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- [Disease Susceptibility](#)
- [HIV Infections](#)