

Recombinant Human PURG

Cat. No. PURG-31267TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PURG expressed in <i>Saccharomyces cerevisiae</i> ; 347 amino acids, MWt 39.5 kDa. Protein is tagged with 26 kDa proprietary tag.
Species	Human
Description	The exact function of this gene is not known, however, its encoded product is highly similar to purine-rich element binding protein A. The latter is a DNA-binding protein which binds preferentially to the single strand of the purine-rich element termed PUR, and has been implicated in the control of both DNA replication and transcription. This gene lies in close proximity to the Werner syndrome gene, but on the opposite strand, on chromosome 8p11. Two transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Store at -20oC.
Sequences of amino acids	MERARRRRGGGGGRGRGGKNVGGSGLSKSRLYPQAQSHYP HYAASATPNQAGG AAEIQELASKRVDIQKKRFYLDVKQ SSRGRFLKIAEVWIGRGRQDNIRKSKLTLSLSV AAELK DCLGDFIEHYAHLGLKGHRQEHHGSKEQGSRRRQKHSAPS PPVSVGSEE

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HPHSVLKTDYIERDNRKYYLDLKENQRGR FLRIRQTMMRGTGMIGYFGHSLGQEQT
IVLPAQGMIEF RDALVQLIEDYGECDIEERRGGDDDDPLELPEGTSFRVDNKRIFYDV
GSNKYGIFLVSEVRPPYRNTITVPFAWTRF GENFIKYEEMRKICNSHKEKRMDG
RKASGEEQECLD

Full Length Full L.

GENE INFORMATION

Gene Name PURG purine-rich element binding protein G [Homo sapiens]

Official Symbol PURG

Synonyms PURG; purine-rich element binding protein G; purine-rich element-binding protein gamma; PURG A; PURG B;

Gene ID 29942

mRNA Refseq NM_013357

Protein Refseq NP_037489

Uniprot ID Q9UJV8

Chromosome Location 8p11

Function DNA binding;

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