Recombinant Human PURG

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

SPECIFICATION

Product Overview	Recombinant full length Human PURG expressed in Saccharomyces cerevisiae; 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: NoneConstituents: 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	MERARRRGGGGGRGRGGKNVGGSGLSKSRLYPQAQHSHYP HYAASATPNQAGG AAEIQELASKRVDIQKKRFYLDVKQ SSRGRFLKIAEVWIGRGRQDNIRKSKLTLSLSV AAELK DCLGDFIEHYAHLGLKGHRQEHGHSKEQGSRRRQKHSAPS PPVSVGSEE

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	HPHSVLKTDYIERDNRKYYLDLKENQRGR FLRIRQTMMRGTGMIGYFGHSLGQEQT IVLPAQGMIEF RDALVQLIEDYGEGDIEERRGGDDDPLELPEGTSFRVDNKRFYFDV GSNKYGIFLKVSEVRPPYRNTITVPFKAWTRF GENFIKYEEEMRKICNSHKEKRMDG 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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