

Product datasheet for SC313056

PURG (NM_013357) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PURG (NM_013357) Human Untagged Clone
Tag:	Tag Free
Symbol:	PURG
Synonyms:	PURG-A; PURG-B; PURGA; PURGB
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_013357 edited

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ATGGAAAGAGCCAGGCGAAGGGGAGGCGGCGGCGCGGCGCGGCGGCGGCAAGAATGTA
GGGGGCTCTGGCCTAAGCAAGAGTAGACTCTATCCCCAGGCCAGCACTCCCACTACCCC
CACTACGCGGCCTCAGCCACCCCTAATCAGGCCGGGGGCGCAGCCGAAATCCAGGAGCTG
GCCTCCAAACGAGTGGACATCCAGAAAAAGAGGTTTTACCTAGACGTGAAGCAAAGCTCC
CGGGGCCGCTTCCTAAAGATAGCCGAAGTCTGGATAGGGAGAGGCCGGCAGGACAACATC
AGAAAGAGTAACTGACCCTCTCCCTGTCTGTGGCAGCGGAGCTGAAGGACTGTCTAGGG
GACTTCATCGAGCACTATGCCACCTGGGCCTGAAAGGCCACCGGCAAGAGCATGGCCAC
AGCAAAGAGCAAGGCTCCAGAAGGAGGCAGAAGCACTCGGCACCCTCCCCACCACTCTCG
GTGGGGTCCGAAGAGCATCCTCACAGTGTCTGAAAACAGACTATATCGAGAGGGACAAT
AGGAAATATTACCTAGACCTAAAGGAAAATCAGCGGGGTCGCTTCTACGGATTAGACAA
ACCATGATGCGGGGACTGGCATGATAGTTATTTTGGCCACAGTTTGGGCCAAGAACAG
ACTATTGTCTCCAGCACAAGGAATGATTGAGTTTCGTGATGCCTTGGTTTCAGCTGATT
GAAGACTATGGCGAAGGAGACATAGAAGAACGAAGAGGTGGAGACGATGACCCGCTTGAA
CTCCCAGAGGGGACTTCTTTAGAGTGGACAATAAAGGTTCTACTTTGATGTGGGCTCT
AATAAATATGGAATTTTCTGAAGGTAAGTGAGGTGAGACCACCTTACCGTAATACTATT
ACTGTTCCATTCAAAGCTTGGACAAGGTTTGGGAGAATTTTATCAAGTATGAAGAAGAG
ATGAGGAAAAATTTGCAACAGCCATAAAGAAAAGAGAATGGATGGCAGAAAGGCCAGTGGT
GAAGAACAAGAATGCCTCGACTAG
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_013357 unedited <pre> TTTCACATTTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGGGAGGAGG CGGGGGGCGGCGGCTGCGGCGGCTGCAGCAGAGGGGCCGAGAGCTGGCGGTGGCGCGGC GGTGGTCGTGAAGGGCATCGGCGGCGGCGGTGATGGCAGAGATGATCTGAAGATGGAAAG AGCCAGGCGAAGGGGAGGCGGCGGCGGCGGCGGCGGCGGAGGCAAGAATGTAGGGGGCTC TGGCCTAAGCAAGAGTAGACTCTATCCCAGGCCAGCACTCCCACTACCCCACTACGC GGCCTCAGCCACCCCTAATCAGGCGGGGGCGCAGCCGAAATCCAGGAGCTGGCCTCCAA ACGAGTGGACATCCAGAAAAAGAGGTTTTACCTAGACGTGAAGCAAAGCTCCCGGGGCGG CTTCCTAAAGATAGCCGAAGTCTGGATAGGGAGAGGCGCGCAGGACAACATCAGAAAGAG TAAACTGACCCTCTCCCTGTCTGTGGCAGCGGAGCTGAAGGACTGTCTAGGGGACTTCAT CGAGCACTATGCCACCTGGGCTGAAAGGCCACCGGCAAGAGCATGGCCACAGCAAAGA GCAAGGCTCCAGAAGGAGGCAGAAGCACTCGGCACCTCCCACTAGTCTCGGTGGGGTC CGAAGAGCATCCTCACAGTGTCTGAAACAGACTATATCGAGAGGGACAATAGGAAATA TTACCTAGACCTAAAGGAAAATCANNCGGGTCGCTTCTACGGATTAGACAAACCATGA TGCGGNGGACTGGCATGATANGTTATTTTGGCCACCAGTTGNGCCAAGACAGACTATTGT CCTNCCAGCACAAGNAATGATGAGGTTCGTGATGCCTTGGTTAGCTGATTGAAGACTAT GGCGAAAGAGACATAGAAGAACGAAGAGGTGGAGACGATGACCCGCTT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_013357
Insert Size:	4900 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_013357.2.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_013357.2, NP_037489.1</u>
RefSeq Size:	1972 bp
RefSeq ORF:	1044 bp
Locus ID:	29942
UniProt ID:	<u>Q9UJV8</u>
Cytogenetics:	8p12

Domains: PUR

Gene Summary: 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. [provided by RefSeq, Apr 2016]
Transcript Variant: This variant (A) encodes the longer isoform (A). Variants A and C encode the same isoform (A).