

## Product datasheet for **AR51032PU-N**

### **NANOGP8 (1-305) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	NANOGP8 (1-305) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MSVDPACPQS LPCFEASDCK ESSPMPVICG PEENYPQLQM SSAEMPHTET VSPLPSSMDL LIQDSPDSST SPKGGKQPTSA ENSVAKKEDK VPVKKQKTRT VFSSTQLCVL NDRFQRQKYL SLQQMQELSN ILNLSYKQVK TWFQNQRMKS KRWQKNNWPK NSNGVTQKAS APTYPSLYSS YHQGCLVNPT GNLPMWSNQT WNNSTWSNQT QNIQSWSNHS WNTQTWCTQS WNNQAWNSPF YNCGEESLQS CMHFQPNSPA SDLEAALEAA GEGLNVIQQT TRYFSTPQTM DLFLNYSMMNM QPEDV
<b>Predicted MW:</b>	34.6 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>85% by SDS - PAGE
<b>Buffer:</b>	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 5% glycerol
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human NANOGP8 protein was expressed in E.coli.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001342210</a>
<b>Locus ID:</b>	388112
<b>Cytogenetics:</b>	15q14
<b>Synonyms:</b>	NANOGP1; PN8



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**Summary:**

This gene represents a transcribed retrogene of the Nanog homeobox gene. The putative encoded protein may participate in reprogramming of cancer cells. In vitro studies using a recombinant protein have shown that the protein localizes to the nucleus and can promote cell proliferation, similar to the Nanog protein. [provided by RefSeq, Sep 2017]

**Product images:**