OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR39082PU-N

NANOG (1-305) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NANOG (1-305) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MSVDPACPQS LPCFEASDCK ESSPMPVICG PEENYPSLQM SSAEMPHTET VSPLPSSMDL LIQDSPDSST SPKGKQPTSA EKSVAKKEDK VPVKKQKTRT VFSSTQLCVL NDRFQRQKYL SLQQMQELSN ILNLSYKQVK TWFQNQRMKS KRWQKNNWPK NSNGVTQKAS APTYPSLYSS YHQGCLVNPT GNLPMWSNQT WNNSTWSNQT QNIQSWSNHS WNTQTWCTQS WNNQAWNSPF YNCGEESLQS CMQFQPNSPA SDLEAALEAA GEGLNVIQQT TRYFSTPQTM DLFLNYSMNM QPEDV
Predicted MW:	34.6 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	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
Preparation:	Liquid purified protein
Protein Description:	Recombinant human Nanog was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001284627
Locus ID:	79923
UniProt ID:	Q9H9S0
Cytogenetics:	12p13.31

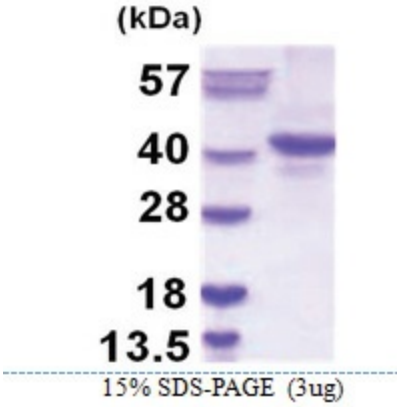
View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Summary: The protein encoded by this gene is a DNA binding homeobox transcription factor involved in embryonic stem (ES) cell proliferation, renewal, and pluripotency. The encoded protein can block ES cell differentiation and can also autorepress its own expression in differentiating cells. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]

Protein Families: Cancer stem cells, Embryonic stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Stem cell - Pluripotency

Product images:



This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US