

Recombinant Human NANOGP8 cell lysate

Cat. No. NANOGP8-2130HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This locus is a processed pseudogene of the transcription factor NANOG. NANOG plays a central role in regulating self-renewal in pluripotent stem cells and tumor cells. This pseudogene contains an intact open reading frame that could potentially encode a protein similar to NANOG. Although there is no evidence of transcription from this pseudogene, RT-PCR studies suggest that NANOGP8 may be expressed in some cancer cell lines. In vitro studies using a recombinant NANOGP8 protein have shown that the protein localizes to the nucleus and can promote cell proliferation, similar to NANOG.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	NANOGP8?Nanog homeobox pseudogene 8 [?Homo sapiens?(human)]
Official Symbol	NANOGP8

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Synonyms	NANOGP8; Nanog homeobox pseudogene 8; PN8; NANOG; NANOGP1
UniProt ID	Q6NSW7
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity

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