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Datasheet for ABIN7505155

**Nanog Protein (AA 94-162) (His tag)**

## Overview

Quantity:	100 µg
Target:	Nanog (NANOG)
Protein Characteristics:	AA 94-162
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nanog protein is labelled with His tag.

## Product Details

Sequence:	Lys 94-Ser 162
Characteristics:	A DNA sequence encoding the Human NANOG protein (Q9H9S0) (Lys 94-Ser 162) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Nanog (NANOG)
Alternative Name:	NANOG ( <a href="#">NANOG Products</a> )
Background:	Background: Transcription regulator involved in inner cell mass and embryonic stem (ES) cells proliferation and self-renewal. Imposes pluripotency on ES cells and prevents their differentiation towards extraembryonic endoderm and trophectoderm lineages. Blocks bone m Synonym: Embryonic stem cell specific homeobox protein, ENK, FLJ12581, hNanog, Homeobox

## Target Details

	protein NANOG
Molecular Weight:	7.48 kDa
UniProt:	<a href="#">Q9H9S0</a>
Pathways:	<a href="#">Stem Cell Maintenance</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months