

AR51032PU-N

Human NANOGP8 (1-305) - Purified

Alternate names:

Homeobox protein NANOGP8

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

Homeobox protein NANOGP8, also known as NANOGP8, is a member of the homeobox family of DNA binding transcription factors that has been shown to maintain pluripotency of embryonic stem cells. Almost identical to NANOG, there is only one change in the inferred amino acid sequence from 'Gln-253' in NANOG to His-253 in NANOGP8.

Uniprot ID:
[Q6NSW7](#)
NCBI:
[Q6NSW7](#)
GeneID:
[388112](#)
Species:

Human

Source:

E. coli

Format:
State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 5% glycerol

Description:

Recombinant human NANOGP8 protein was expressed in E.coli.

AA Sequence:

MSVDPACPQS LPCFEASDCK ESSPMPVICG PEENYPQLQM SSAEMPHDET VSPLPSSMDL
LIQDSPDSST SPKGKQPTSA ENSVAKKEDK VPVKKQKTRT VFSSTQLCVL NDRFQRQKYL
SLQQMQELSN ILNLSYKQVK TWFQNRQMKK KRWQKNNWPK NSNGVTQKAS APTYPSLYSS
YHGGCLVNPT GNLPMWSNQT WNNSTWSNQT QNIQSWSNHS WNTQTWCTQS WNNQAWNSPF
YNGGEESLQS CMHFQPNSPA SDLEAALEAA GEGLNVIQQT TRYFSTPQTM DLFLNYSMMN QPEDV

Molecular weight: 34.6 kDa (305aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

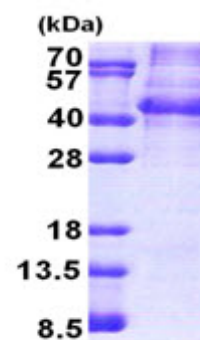
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Zhang J., et al. (2006) FEBS J. 273:1723-1730.

Pictures:



15% SDS-PAGE (3ug)