

# Human NANOG Recombinant Protein



RPPB4052

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## Product Information    Protein Information

**Product SKU:**

RPPB4052

**Accession:**

Q9H9S0

**Host:**

E.coli.

**Protein description:**

NANOG Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 305 amino acids (1-305) and having a molecular mass of 34.6 kDa. The NANOG is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

NANOG, Homeobox protein NANOG, Homeobox transcription factor Nanog, hNanog.

**Formulation:**

The NANOG solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 5% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MSVDPAC PQS LPCFEASDCK ESSPMPVICG PEENYP SLQM SSAEMPHTET VSPLPSSMDL LIQDSPDSST  
SPK GKQPTSA EKSVAKKEDK VPVKKQKTRT VFSSTQLCVL NDRFQRQKYL SLQQMQELSN ILNLSYKQVK  
TWFQNQRMKS KRWQKNNWPK NSNGVTQKAS APTYPSLYSS YHQGCLVNPT GNLPMWSNQT  
WNNSTWSNQT QNIQSWSNHS WNTQ TWCTQS WNNQAWNSPF YNCGEESLQS CMQFQPNSPA  
SDLEAALEAA GEGLNVIQQT TRYFSTPQTM DLFLNYSMMNMPEDV