

NANOG Human Recombinant

Item Number	rAP-3691
Synonyms	NANOG, Homeobox protein NANOG, Homeobox transcription factor Nanog, hNanog.
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.
Uniprot Accession Number	Q9H9S0
Amino Acid Sequence	MSVDPACPQS LPCFEASDCK ESSPMPVICG PEENYPQLQM SSAEMPHTET VSPLPSSMDL LIQD-SPDSST SPKGKQPTSA EKSVAKKEDK VPVKKQKTRT VFSSTQLCVL NDRFQRQKYL SLQQMQELSN ILNLSYKQVK TWFQNQRMKK KRWQKNNWPK NSNGVTQKAS APTYPSLYSS YHGGCLVNPT GNLPWWSNQT WNNSTWSNQT QNIQSWSNHS WNTQTWCTQS WNNQAWNPF YNCGEESLQS CMQFQPNSPA SDLEAALEAA GEGLNVIQQT TRYFSTPQTM DLFLNYSMMN QPEDV
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The NANOG solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 5% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**