

32-20419: Recombinant Human Nanog(Discontinued)

Description

Source: **E.coli** Nanog is a regulatory protein that is associated with undifferentiated pluripotent cells. The expression of nanog, which is suppressed in all adult tissues, is restricted to embryonic stem cells and to certain pluripotent cancer cells. Decreased expression of nanog is strongly correlated with cell differentiation. Nanog, most likely, acts as an intracellular regulator, that helps maintain pluripotency and self renewal via a STAT3-independent pathway. Recombinant Human Nanog is a 34.7 kDa protein, which is synthesized as a 304 amino acid polypeptide lacking a signal sequence for secretion.

Product Info

Amount : 5 µg / 20 µg

Purification : Purity: >= 95% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : SVDPACPQSL PCFEASDCKE SSPMPVICGP EENYPQLQMS SAEMPHTETV SPLPSSMDLL IQDSPDSSTS
PKGKQPTSAE NSVAKKEDKV PVKKQKTRTV FSSTQLCVLN DRFQRQKYL LQQMQELSNI LNLSYKQVKT
WFQNQRMKSK RWQKNNWPKN SNGVTQKASA PTYPSLYSSY HQGCLVNPTG NLPMWSNQTW
NNSTWSNQTQ NIQSWSNHSW NTQWTCTQSW NNQAWNSPFY NCGEESLQSC MQFQPNPAS
DLEAALEAAG EGLNVIQQT RYFSTPQTMD LFLNYSMMNQ PEDV