

Recombinant Mouse Nanog, TAT-tagged

Cat. No. Nanog-151M Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Mouse TAT-Nanog is produced with our E. coli expression system. The target protein is expressed with sequence (Met1-Ile305) of Mouse Nanog fused with a TAT tag at the N-terminus.

Species Mouse

Source E.coli

AA Sequence
 MSVGLPGPHSLPSSEEASNSGNASSMPAVFHPENYSCLQGSATEMLCTEAASPRP
 SSEDLP LQGS PDSSTSPKQKLSSPEADKGPEEEENKVLARKQKMRTVFSQAQLCA
 LKDRFQKQKYLSLQQMQLS SILNLSYKQVKTWFQNRMKCKRWQKNQWLKTSN
 GLIQKGSAPVEYPSIHCSYPQGYLVNASGSL SMWGSQTWTNPTWSSQTWTNPTW
 NNQTWTNPTWSSQAWTAQSWNGQPWNAAPLHNFGEFLQPYV QLQQNFSASDL
 EVNLEATRESHAHFSTPQALELFLNYSVTPPGEI

Endotoxin Less than 0.1 ng/μg (1 IEU/μg).

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

GENE INFORMATION

Gene Name [Nanog Nanog homeobox \[Mus musculus \]](#)

Official Symbol Nanog

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Synonyms	NANOG; Nanog homeobox; homeobox protein NANOG; ES cell-associated protein 4; homeobox transcription factor Nanog; early embryo specific expression NK family; early embryo specific expression NK-type homeobox protein; ENK; ecat4; 2410002E02Rik;
Gene ID	71950
mRNA Refseq	NM_028016
Protein Refseq	NP_082292
Pathway	PluriNetWork, organism-specific biosystem; Wnt Signaling Pathway and Pluripotency, organism-specific biosystem;
Function	DNA binding; DNA binding; chromatin binding; enhancer sequence-specific DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding;

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