

Recombinant Human Nanog protein ab50053

2 References 1 图像

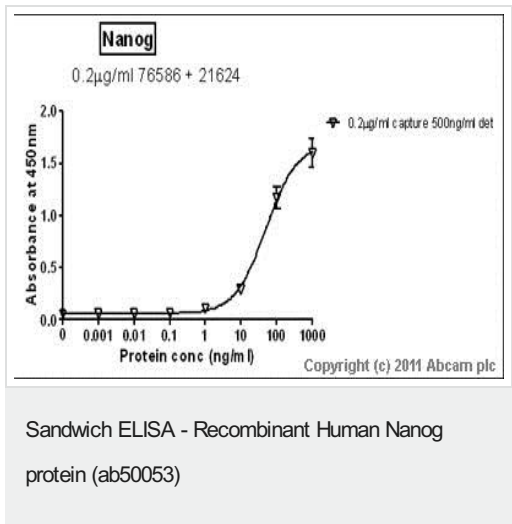
描述	
产品名称	重组人Nanog蛋白
纯度	> 95 % SDS-PAGE.
内毒素水平	< 0.100 Eu/μg
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<div>SVDPACPQSL PCFEASDCKE SSPMPVICGP EENYPQLQMS SAEMPHTEV SPLPSSMDLL IQDSPDSSTS PKGKQPTSAE NSVAKKEDKV PVKKQKTRTV FSSTQLCVLN DRFQRQKYL LQQMQELSNL LNLSYKQVKT WFQNQRMKSK RWQKNNWPKN SNGVTQKASA PTYPSLYSSY HQGCLVNPTG NLPWWSNQTW NNSTWSNQTT NIQSWSNHSW NTQTWCTQSW NNQAWNSPFY NCGEESLQSC MQFQPNPAS DLEAALEAAG EGLNVIQTT RYFSTPQTMD LFLNYSMMNQ PEDV</div>
预测分子量	35 kDa
氨基酸	1 to 304

技术指标	
Our Abpromise guarantee covers the use of ab50053 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE
形式	Lyophilized
补充说明	Endotoxin level is less than 0.1 ng per μg (1EU/μg).

制备和贮存

稳定性 and 存储	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term.
复溶	Reconstitute to 1mg/ml using 10mM Acetic acid.
常规信息	
功能	Transcription regulator involved in inner cell mass and embryonic stem (ES) cells proliferation and self-renewal. Imposes pluripotency on ES cells and prevents their differentiation towards extraembryonic endoderm and trophoctoderm lineages. Blocks bone morphogenetic protein-induced mesoderm differentiation of ES cells by physically interacting with SMAD1 and interfering with the recruitment of coactivators to the active SMAD transcriptional complexes (By similarity). Acts as a transcriptional activator or repressor (By similarity). Binds optimally to the DNA consensus sequence 5'-TAAT[GT][GT]-3' or 5'-[CG][GA][CG]C[GC]ATTAN[GC]-3' (By similarity). When overexpressed, promotes cells to enter into S phase and proliferation.
组织特异性	Expressed in testicular carcinoma and derived germ cell tumors (at protein level). Expressed in fetal gonads, ovary and testis. Also expressed in ovary teratocarcinoma cell line and testicular embryonic carcinoma. Not expressed in many somatic organs and oocytes.
序列相似性	Belongs to the Nanog homeobox family. Contains 1 homeobox DNA-binding domain.
发展阶段	Expressed in embryonic stem (ES) and carcinoma (EC) cells. Expressed in inner cell mass (ICM) of the blastocyst and gonocytes between 14 and 19 weeks of gestation (at protein level). Not expressed in oocytes, unfertilized oocytes, 2-16 cell embryos and early morula (at protein level). Expressed in embryonic stem cells (ES). Expression decreases with ES differentiation.
细胞定位	Nucleus.

图片



Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors