

NANOS2 抗原（重组蛋白）

中文名称： NANOS2 抗原（重组蛋白）

英文名称： NANOS2 Antigen (Recombinant Protein)

别名： NOS2; ZC2HC12B

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	nanos C2HC-type zinc finger 2
Synonyms:	NOS2; ZC2HC12B
Swissprot:	P60321
Gene Accession:	BC117484
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Plays a key role in the sexual differentiation of germ cells by promoting the male fate but suppressing the female fate. Represses the female fate pathways by suppressing meiosis, which in turn results in the promotion of the male fate. Maintains the suppression of meiosis by preventing STRA8 expression, which is required for premeiotic DNA replication, after CYP26B1 is decreased. Regulates the localization of the CCR4-NOT deadenylation complex to P-bodies and plays a role in recruiting the complex to trigger the degradation of mRNAs involved in meiosis. Required for the maintenance of the spermatogonial stem cell population. Not essential for the assembly of P-bodies but is required

for the maintenance of their normal state (By similarity).