

Datasheet for ABIN1622438

**NOS1 Protein (AA 1-186) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	NOS1
Protein Characteristics:	AA 1-186
Origin:	Sheep
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOS1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	GGAAEQSGLI QAGDIILAVN GQPLVDLSYD SALEVFRGIA SETHVVLILR GPEGFTTHLE TTFTGDGTPK TIHNVHKKRV SAARLLSRQN LQSPKSSRST IFVRLHTNGN QELQYQPGDH LGVFPGNHED LVNALIERLE DAPPANQLVK VELLEERNTA LGVISNWTDE HRLPPCTIFQ AFKYLL
Specificity:	Ovis aries (Sheep)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

Target:	NOS1
Alternative Name:	Nitric oxide synthase, brain (NOS1) ( <a href="#">NOS1 Products</a> )

## Target Details

Background:	Recommended name: Nitric oxide synthase, brain. EC= 1.14.13.39. Alternative name(s): BNOS Constitutive NOS NC-NOS NOS type I Neuronal NOS. Short name= N-NOS. Short name= NNOS Peptidyl-cysteine S-nitrosylase NOS1
UniProt:	<a href="#">Q29498</a>
Pathways:	<a href="#">Negative Regulation of Hormone Secretion, Myometrial Relaxation and Contraction</a>

## Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.