



Recombinant Sheep Nitric oxide synthase, brain (NOS1)

Product Code	CSB-EP642765SH-B
Abbreviation	NOS1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q29498
Product Type	Recombinant Protein
Immunogen Species	Ovis aries (Sheep)
Purity	≥85% (SDS-PAGE)
Sequence	GGAAEQSGLI QAGDIILAVN GQPLVDLSYD SALEVFRGIA SETHVVLILR GPEGFTTHLE TTFTGDGTPK TIHNVHKKRV SAARLLSRQN LQSPKSSRST IFVRLHTNGN QELQYQPGDH LGVFPGNHED LVNALIERLE DAPPANQLVK VELLEERNTA LGVISNWTDE HRLPPCTIFQ AFKYYL
Source	E.coli
Target Names	NOS1
Protein Names	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 NOS
Expression Region	1-186
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.