



Recombinant Mouse Endonuclease III-like protein 1 (Nth1)

Product Code	CSB-EP016125MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O35980
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MNSGVRMVTR SRSRATRIAS EGCREELAPR EAAAEGRKSH RPVRHPRRTQ KTHVAYEAAN GEEGEDAEPL KVPVWEPQNW QQQLANIRIM RSKKDAPVDQ LGAEHCYDAS APPKVERRYQV LLSLMLSSQT KDQVTAGAMQ RLRARGLTVE SILQTDDDTL GRLIYPVGFV RNKVKYIKQT TAILQQRYEG DIPASVAELV ALPGVGPKMA HLAMAVAWGT ISGIAVDTHV HRIANRLRWT KKMTKTPEET RKNLEEWLPR VLWSEVNGLL VGFGQQICLP VHPRCQACLN KALCPAAQDL
Source	E.coli
Target Names	Nth1
Protein Names	Recommended name: Endonuclease III-like protein 1 EC= 4.2.99.18
Expression Region	1-300
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
Target Details	This protein is a DNA N-glycosylase of the endonuclease III family. Like a similar protein in E. coli, the encoded protein has DNA glycosylase activity on DNA substrates containing oxidized pyrimidine residues and has apurinic/aprimidinic lyase activity.
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.