



# Recombinant Mouse Endonuclease III-like protein 1 (Nth1)

<b>Product Code</b>	CSB-EP016125MO-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O35980
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNSGVRMVTR SRSRATRIAS EGCREELAPR EAAAEGRKSH RPVRHPRRTQ KTHVAYEAAAN GEEGEDAEPL KVPVWEPQNW QQQLANIRIM RSKKDAPVDQ LGAEH CYDAS APPKVRRYQV LLSLMLSSQT KDQVTAGAMQ RLRARGLTVE SILQTDDDTL GRLIYPVGFV RNKVKYIKQT TAILQQRYEG DIPASVAELV ALPGVGPKMA HLAMAVAWGT ISGIAVDTHV HRIANRLRWT KKMTKTPEET RKNLEEWLPR VLWSEVNGLL VGFGQQICLP VHPRCQACLN KALCPAAQDL
<b>Source</b>	E.coli
<b>Target Names</b>	Nth1
<b>Protein Names</b>	Recommended name: Endonuclease III-like protein 1 EC= 4.2.99.18
<b>Expression Region</b>	1-300
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.