



Recombinant Human Endonuclease III-like protein 1 (NTHL1)

Product Code	CSB-MP016125HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P78549
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MCSPQESGMT ALSARMLTRS RSLGPGAGPR GCREEPGPLR RREAAAEARK SHSPVKRPRK AQLRVAYEG SDSEKGEAE PLKVPVWEPQ DWQQQLVNIR AMRNKKDAPV DHLGTEHCYD SSAPPKVERRY QVLLSLMLSS QTKDQVTAGA MQRLRARGLT VDSILQTDDA TLGKLIYPVG FWRSKVKYIK QTSAILQQHY GGDIPASVAE LVALPGVGP MAHLAMAVAW GTVSGIAVDT HVHRIANRLR WTKKATKSPE ETRAALEEWL PRELWHEING LLVGFGQQTC LPVHPRCHAC LNQALCPAAQ GL
Source	Mammalian cell
Target Names	NTHL1
Protein Names	Recommended name: Endonuclease III-like protein 1 EC= 4.2.99.18
Expression Region	1-312
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/apyrimidinic 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.