

Product datasheet for **TP314598**

NTH1 (NTHL1) (NM_002528) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human nth endonuclease III-like 1 (E. coli) (NTHL1), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone >RC214598 representing NM_002528

or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MCSPQESGMTALSARMLTRSRLGPGAGPRGCREEPGLRRREAAAEARKSHSPVKRPRKAQRLRVAYEG
SDSEKGEAEPLKVPVWEPQDWQQQLVNIRAMRNKKDAPVDHLGTEHCYDSSAPPKVRRYQVLLSLMLSS
QTKDQVTAGAMQRLRARGLTVDLSILQTDDATLGKLIYPVGFWRSKVKYIKQTSAILQQHYGGDIPASVAE
LVALPGVGPMAHLAMAVAWGTVSGIAVDTHVHRIANRLRWTKKATKSPEETRAALEEWLPRELWHEING
LLVGFGQQTCLPVHPRCHACLNQALCPAAQGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 34.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_002519](#)

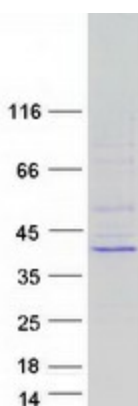
Locus ID: 4913



[View online »](#)

UniProt ID:	P78549 , E5KTI5
RefSeq Size:	1097
Cytogenetics:	16p13.3
RefSeq ORF:	936
Synonyms:	FAP3; hNTH1; NTH1; OCTS3
Summary:	The protein encoded by this gene is a DNA N-glycosylase of the endonuclease III family. Like a similar protein in <i>E. coli</i> , the encoded protein has DNA glycosylase activity on DNA substrates containing oxidized pyrimidine residues and has apurinic/apyrimidinic lyase activity. [provided by RefSeq, Oct 2008]
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Base excision repair

Product images:



Coomassie blue staining of purified NTHL1 protein (Cat# TP314598). The protein was produced from HEK293T cells transfected with NTHL1 cDNA clone (Cat# [RC214598]) using MegaTran 2.0 (Cat# [TT210002]).