

## Product datasheet for **TP760833**

### **NTH1 (NTHL1) (NM\_002528) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human nth endonuclease III-like 1 (E. coli) (NTHL1), full length, with N-terminal HIS tag, expressed in E. coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length NTHL1
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	34.2 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_002519</a>
<b>Locus ID:</b>	4913
<b>UniProt ID:</b>	<a href="#">P78549</a> , <a href="#">E5KTI5</a>
<b>RefSeq Size:</b>	1097
<b>Cytogenetics:</b>	16p13.3
<b>RefSeq ORF:</b>	936
<b>Synonyms:</b>	FAP3; hNTH1; NTH1; OCTS3



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**Summary:** The protein encoded by this gene 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. [provided by RefSeq, Oct 2008]

**Protein Families:** Druggable Genome, Stem cell - Pluripotency

**Protein Pathways:** Base excision repair

**Product images:**

