

Product datasheet for **AR50042PU-N**

NTH1 (1-312, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NTH1 (1-312, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MCSPQESGMT ALSARMLTRS RSLGPGAGPR GCREEPGPLR RREAAAARK SHSPVKRPRK AQLRVAYEG SDSEKGEAE PLKVPVWEPQ DWQQQLVNIR AMRNKKDAPV DHLGTEHCYD SSAPPKVRRY QVLLSLMLSS QTKDQVTAGA MQRLRARGLT VDSILQTDDA TLGKLIYPVG FWRSKVKYIK QTSAILQQHY GGDIPASVAE LVALPGVGPK MAHLAMAVAW GTVSGIAVDT HVHRIANRLR WTKKATKSPE ETRAALAEWL PRELWHEING LLVGFQQTC LPVHPRCHAC LNQALCPAAQ GL
Tag:	His-tag
Predicted MW:	36.6 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.15M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NTHL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001305122
Locus ID:	4913
UniProt ID:	P78549
Cytogenetics:	16p13.3



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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 *E. coli*, the encoded protein has DNA glycosylase activity on DNA substrates containing oxidized pyrimidine residues and has apurinic/aprimidinic lyase activity. [provided by RefSeq, Oct 2008]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Base excision repair

Product images:

