

## Product datasheet for **RC214598L4V**

### **NTH1 (NTHL1) (NM\_002528) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NTH1 (NTHL1) (NM_002528) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NTH1
Synonyms:	FAP3; hNTH1; NTH1; OCTS3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002528
ORF Size:	936 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214598).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_002528.4</a>
RefSeq Size:	1097 bp
RefSeq ORF:	915 bp
Locus ID:	4913
UniProt ID:	<a href="#">P78549</a>
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Base excision repair



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**MW:** 34.2 kDa

**Gene 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]