

Nth Endonuclease III-Like 1 Human Recombinant

Item Number	rAP-1068
Synonyms	Endonuclease III-like protein 1, NTHL1, NTH1, OCTS3.
Description	NTHL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 332 amino acids (1-312 a.a.) and having a molecular mass of 36.6kDa. NTHL1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P78549
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MCSPQESGMT ALSARMLTRS RSLGPGAGPR GCREEPGPLR RRE-AAAEEKR SHSPVKRPRK AQRLRVAYEG SDSEKGEAE PLKVPVWEPQ DWQQQLVNIR AMRN-KKDAPV DHLGTEHCYD SSAPPKVRYY QVLLSMLSS QTQDQVTAGA MQQLRARGLT VDSILQTDDA TLGKLIYPVG FWRSKVKYIK QTSAILQQHY GGDIPASVAE LVALPGVGPK MAHLAMAVAW GTVSGI-AVDT HVHRIANRLR WTKKATKSPE ETRAALEEWL PRELWHEING LLVGFQQQTC LPVHPRCHAC LNQALCPAAQ GL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	NTHL1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**