

Product datasheet for **TP762582**

DNase gamma (DNASE1L3) (NM_004944) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human deoxyribonuclease I-like 3 (DNASE1L3), full length, with N-terminal GST and C-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of DNASE1L3
Tag:	N-GST and C-HIS
Predicted MW:	35.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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 after receiving vials.
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_004935
Locus ID:	1776
UniProt ID:	Q13609 , A0A024R365
RefSeq Size:	1076
Cytogenetics:	3p14.3
RefSeq ORF:	915
Synonyms:	DHP2; DNAS1L3; LSD; SLEB16



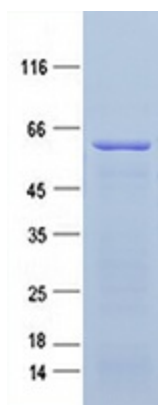
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Summary:

This gene encodes a member of the deoxyribonuclease I family. The encoded protein hydrolyzes DNA, is not inhibited by actin, and mediates the breakdown of DNA during apoptosis. Mutations in this gene are a cause of systemic lupus erythematosus-16. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]

Protein Families:

Druggable Genome

Product images:

Purified recombinant protein DNASE1L3 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.