

Recombinant Human ENDOV protein

Cat. No. ENDOV-1541H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein was expressed in and purified from E. coli.
Species	Human
Source	E.coli
Description	T4 endoV is a DNA glycosylase with associated AP lyase encoded by bacteriophage T4. This enzyme recognizes cyclobutane pyrimidine dimers (CPDs) of UV radiation. The glycosylase hydrolyzes the C-N glycosylic bond of the 5' CPD base. The resulting AP site is then cleaved at its 3' side by the AP lyase of T4 endoV, leading to DNA strand break immediately 5' to the CPD site. T4 endoV is widely used for assays of transcriptioncoupled DNA repair of UV radiation.
Molecular Mass	16 kDa

GENE INFORMATION

Gene Name	ENDOV endonuclease V [Homo sapiens]
Official Symbol	ENDO
Synonyms	ENDO; endonuclease V; FLJ35220; MGC74455;
Gene ID	284131

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mRNA Refseq	NM_001164637
Protein Refseq	NP_001158109
UniProt ID	Q8N8Q3

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