

Endonuclease V Protein, *T. neapolitana*, Recombinant (His)

## General Information

Synonyms:	nfi;Endonuclease V;Deoxyinosine 3'endonuclease;Deoxyribonuclease V (DNase V)
Protein Construction:	1-225 aa
Species:	<i>Thermotoga neapolitana</i>
Expression Host:	<i>P. pastoris</i> (Yeast)
Accession:	B9K7P3
Molecular Weight:	27.3 kDa (Predicted)
AA Sequence:	MTYKKLHEWDLSPPEAMKIQNVLREKILFKPFEGEPKYVAGVDLSFPKREEGLAVIVVMEYPTFKIVELVSEKGVDFPYIPGLLAFREGPLFLKAWKELKTKPDVVVFDGQGIAPRKLGIASHMGLFIEIPTIGVAKSRLYGYREPE NRRCSWSYLYDNEEIIIGCVMRTREGSAPIFVSPGHLIDVESSIRLVKSFTLPGRRRLPEPTRMAHIYTQRLKKGFLF

## QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 95% as determined by SDS-PAGE.
Endotoxin:	Not tested.
Formulation:	Lyophilized from PBS, 6% Trehalose, pH 7.4

## Preparation and Storage

**Reconstitution:**  
Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

**Stability & Storage:**

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 13 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

**Shipping:**

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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