

## Product datasheet for **TP790185**

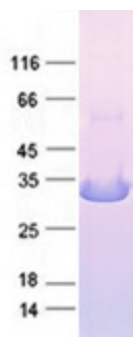
### Nuclease *Serratia marcescens* Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	A purified Ultra Nuclease also called Benzonase Nuclease, expressed in E.coli with demonstrated high endonuclease activity. Benzonase is a registered trademark of Merck KGaA, Darmstadt, Germany
<b>Species:</b>	<i>Serratia marcescens</i>
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Recombinant protein was produced with TrueORF clone, [Synthesis].
<b>Tag:</b>	His tag
<b>Predicted MW:</b>	28 kDa
<b>Purity:</b>	> 95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	20 mM Tris-HCl, pH 8.0, 2 mM NaCl, 2 mM MgCl <sub>2</sub> , 50% glycerol
<b>Bioactivity:</b>	The cleavage activity unit is defined as the amount of Ultra Nuclease that degrades DNA and causes 1 Absorbance Unit change at 260 nm (37°C for 30 minutes) which corresponds to complete digestion of 37 µg of DNA.
<b>Endotoxin:</b>	< 0.5 EU/1000 units of the SuperNuclease as determined by the LAL method.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -20°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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**Product images:**

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