

## Micrococcal Nuclease

### Product Information

<b>Cat#</b>	DIA-572
<b>Description</b>	An endonuclease that primarily cleaves single-stranded substrates, but can also act on double-stranded DNA or RNA. It hydrolyzes 5' phosphodiester bonds, generating 3'-mononucleotides and oligonucleotides. Enzyme activity depends on $\text{Ca}^{2+}$ and can be inhibited by EDTA. Shows high specificity for AT-rich regions compared to GC-rich DNA. Widely used in ribonuclease selection studies and ribosome analysis.
<b>CAS No.</b>	9026-81-7
<b>Synonyms</b>	Nuclease S7
<b>Concentration</b>	$\geq 6 \text{ KU/mg}$
<b>Package</b>	15 KU