

RNase III

Product Information

Cat#	DIA-851
Descriptions	RNase III is a double-strand-specific ribonuclease that cleaves double-stranded RNA into short duplex fragments with characteristic 3' overhangs, participates in RNA maturation and degradation processes, and is a core tool for RNA interference research and dsRNA processing.
Applications	RNase III is suitable for double-stranded RNA processing detection kits and RNA interference research reagent development.
Enzyme Commission Number	EC 3.1.26.3
Enzyme Source	This product is the RNase III recombinantly expressed in E. coli. This specific exonuclease is capable of cutting double-stranded RNA (dsRNA).
Activity Definition	1 active unit is defined as the amount of enzyme needed to degrade 1µg of dsRNA into siRNA in 20min at 37°C in a 50µL reaction system.
Purity	≥ 95%
Package	100 IU, 250 IU, 1000 IU