

**TurboNuclease, recombinant protein**  
**TurboNuclease**  
**Catalog # PBV11425r****Specification**

---

**TurboNuclease, recombinant protein - Product info**

|               |                                 |
|---------------|---------------------------------|
| Concentration | <b>250 U/ <math>\mu</math>l</b> |
| Calculated MW | <b>27.0 kDa KDa</b>             |

**TurboNuclease, recombinant protein - Additional Info****Other Names**

TurboNuclease

**Source**Assay&Purity  
Assay2&Purity2  
Recombinant**E. coli****SDS-PAGE;**  
**HPLC;**  
**Yes****Format**

Liquid

**Storage**

-20°C; 250 units/  $\mu$ l in a storage buffer of 50 mM Tris-HCl, pH 8.0, 50 mM NaCl, 5 mM MgCl<sub>2</sub> and 50% glycerol

**TurboNuclease, recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TurboNuclease, recombinant protein - Images****TurboNuclease, recombinant protein - Background**

BioVision's TurboNuclease is a recombinant form of *Serratia marcescens* extracellular endonuclease (encoded by the same gene of Benzonase) produced in *E. coli* using a proprietary process. This nonspecific endonuclease hydrolyzes both single- and double-stranded nucleic acids (DNA and RNA) to 5'-phosphorylated oligonucleotides of 1-4 bases in length. TurboNuclease is a highly purified homodimer of 27 kDa subunits that has exceptional high specific activity and is free of protease activity. It is ideal to digest nucleic acids and to reduce viscosity during protein purification and sample preparation.