

Proteinase K 20mg/ml Solution recombinant protein
Endopeptidase K, Tritirachium alkaline proteinase
Catalog # PBV11427r**Specification**

Proteinase K 20mg/ml Solution recombinant protein - Product info

Primary Accession [P06873](#)
Concentration **20**

Proteinase K 20mg/ml Solution recombinant protein - Additional Info

Gene ID **5621**
Gene Symbol **PROK**
Other Names
Protease K, Endopeptidase K, Tritirachium alkaline proteinase

Source **Tritirachium album**
Assay&Purity **SDS-PAGE; ≥90%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Format
Liquid

Storage

-20°C; Recombinant Proteinase K dissolved in 50 mM Tris-HCl, 2 mM Calcium acetate, pH 8.0 to a final concentration of 20 mg/ml.

Proteinase K 20mg/ml Solution 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](#)

Proteinase K 20mg/ml Solution recombinant protein - Images**Proteinase K 20mg/ml Solution recombinant protein - Background**

A serine protease that displays the ability to digest native proteins, thereby inactivating enzymes such as DNase and RNase without recourse to a denaturation process. It retains its activity in presence of SDS and urea. It is inactivated by diisopropyl fluorophosphates (DFP) and phenyl methane sulfonyl fluoride (PMSF).

Proteinase K 20mg/ml Solution recombinant protein - References

- Gunkel F.A.,et al.Eur. J. Biochem. 179:185-194(1989).
Jany K.-D.,et al.Biol. Chem. Hoppe-Seyler 367:87-87(1986).
Jany K.-D.,et al.FEBS Lett. 199:139-144(1986).
Jany K.-D.,et al.Biol. Chem. Hoppe-Seyler 366:485-492(1985).
Paehler A.,et al.EMBO J. 3:1311-1314(1984).