

Recombinant Endo S

Product information

Product No.	Size	Concentration
YJ-O-201-6	6KU	200U/ μ l
YJ-O-201-30	30KU	200U/ μ l

Product description

Recombinant Endo S is derived from *Streptococcus pyogenes* and expressed in *E. coli*. It is a highly specific endoglycosidase that can cleave N-linked glycans between the chitobiose core structures of the heavy chains of wild-type IgG.

- Storage solution: 20mM Tris, 50mM NaCl, 5mM EDTA, pH=7.5

Product components

Components	Size1	Size2
Recombinant Endo S	6KU	30KU
10×Endo S reaction buffer	1.0ml	1.0ml

Transportation and storage

- Storage: This product should be stored at -20°C and can be stored for at least 12 months.
- Transportation: Dry ice.

Product application

- Cleave N-linked glycans between the chitobiose core structures of the heavy chains of wild-type IgG.

Usage (for reference only)

- Prepare the following reaction system:

Components	Amount
IgG	100 μ g
10×Endo S reaction buffer	1 μ l
Water	Up to 9 μ l
Recombinant Endo S	1 μ l

- Incubate at 37 °C for 60 minutes. After the reaction is completed, perform SDS - PAGE or HPLC to analyze the results of enzymatic digestion.

Precaution

- Try to avoid freeze-thaw cycles of this product after receipt;

- Please wear lab coat and disposable gloves when using;
- This product should not be used directly for clinical diagnosis and treatment.