

## Recombinant Endo S2

### Product information

Product No.	Size	Concentration	Activity
YJ-O-191-0.5	0.5mg	≥5mg/ml	≥50U/μg
YJ-O-191-1	1.0mg	≥5mg/ml	≥50U/μg

### Product description

Recombinant Endo S2, derived from *Streptococcus pyogenes* and recombinantly expressed in *E. coli*, is a highly specific endoglycosidase that can cleave N-linked glycans between the chitobiose core structures of wild-type IgG heavy chains.

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

### Product components

Components	Size1	Size2
Recombinant Endo S2	0.5mg	1.0mg
10× Endo S2 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

- Complete removal of N-glycosylation from antibodies and glycoproteins.

### Usage (for reference only)

- Prepare the following reaction system:

Components	Amount
IgG	100μg
10×Endo S2 reaction buffer	1μl
Water	Up to 9μl
Recombinant Endo S2	1μl

- 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

- It is recommended to aliquot the product after thawing and avoid repeated freeze-thaw cycles after receipt;
- Please wear lab coat and disposable gloves when using;
- This product should not be used directly for clinical diagnosis and treatment.