



For research use only

ISO9001

O-Glycosidase

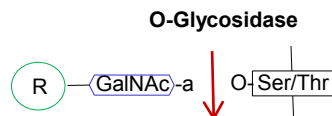
Product	Quantity	Cat. No.	Remarks
O-Glycosidase	10,000 Kunit	EBG-1008	50 Kunit/ μ l

Description

O-Glycosidase (Endo- α -N-acetylgalactosaminidase) hydrolyze the unsubstituted Gal- β 1,3-GalNAc core disaccharide attached to serine or threonine residues of glycopeptides to afford free oligosaccharides. Recombinant Endo- α -N-acetylgalactosaminidase is expressed in *E.coli* containing the gene of *Streptococcus pneumoniae*.

O-Glycosidase has a molecular weight of ~180 kDa.

Substrate Specificity



Product Component

- O-Glycosidase : 200 μ l (50,000 unit/ μ l)
- 10x Reaction Buffer : 500 mM sodium citrate, pH 5.5.

Unit Definition

One unit is defined as the amount of enzyme that will catalyze the release of 1.0 μ mol p-nitrophenol from p-nitrophenyl-2-acetamido 2-deoxy-3-O-(β -D-galactopyranosyl)- α -D-galactopyranoside per min at 37°C, pH 5.0.

Specific Activity

50,000 unit/ μ l, 50,000 unit/ μ g

Storage Buffer

20 mM Tris-HCl, pH 7.5, 50 mM NaCl, 1 mM EDTA, 50% glycerol.

Storage Temperature

Store at -20°C.

QC Tests

Activity, SDS-PAGE purity, performance tests.



For research use only

ISO9001

O-Glycosidase

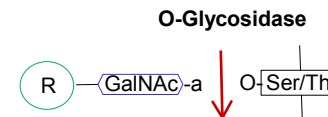
Product	Quantity	Cat. No.	Remarks
O-Glycosidase	10,000 Kunit	EBG-1008	50 Kunit/ μ l

Description

O-Glycosidase (Endo- α -N-acetylgalactosaminidase) hydrolyze the unsubstituted Gal- β 1,3-GalNAc core disaccharide attached to serine or threonine residues of glycopeptides to afford free oligosaccharides. Recombinant Endo- α -N-acetylgalactosaminidase is expressed in *E.coli* containing the gene of *Streptococcus pneumoniae*.

O-Glycosidase has a molecular weight of ~180 kDa.

Substrate Specificity



Product Component

- O-Glycosidase : 200 μ l (50,000 unit/ μ l)
- 10x Reaction Buffer : 500 mM sodium citrate, pH 5.5.

Unit Definition

One unit is defined as the amount of enzyme that will catalyze the release of 1.0 μ mol p-nitrophenol from p-nitrophenyl-2-acetamido 2-deoxy-3-O-(β -D-galactopyranosyl)- α -D-galactopyranoside per min at 37°C, pH 5.0.

Specific Activity

50,000 unit/ μ l, 50,000 unit/ μ g

Storage Buffer

20 mM Tris-HCl, pH 7.5, 50 mM NaCl, 1 mM EDTA, 50% glycerol.

Storage Temperature

Store at -20°C.

QC Tests

Activity, SDS-PAGE purity, performance tests.