

GLC5 Glycan

Cat. No. CAB-GLC5-x (where x denotes pack size)

Structure: (Glc α1-4)₅ – 2AB

Description: A solution of a linear oligosaccharide comprising of five alpha 1-4 linked glucose units. Glycan is fluorescently labeled by reductive amination with a 2-aminobenzamide dye (2AB).

Sources : Amylose.

Form: Aqueous.

Molecular Weight: 948 Da inclusive of 2AB group.

Concentration: 37.2 μmol dm⁻³

Purity: > 99% pure as assessed by HPLC.

Storage: Refrigerate (-20°C) both before and after dissolution. This product is stable for at least 2 years as supplied.

Shipping: Ship on dry ice.

Handling: Allow the unopened vial to defrost and tap unopened on a solid surface to ensure that most of the material is at the bottom of the vial. Ensure that any glass, plasticware or solvents used in conjunction with this product are free of glycosidases and environmental carbohydrates.

Safety: This product is non-hazardous and has been purified from natural sources certified to be free of all hazardous material including pathogenic biological agents.

For research use only. Not for human or drug use.

Warranties and liabilities

Ludger warrants that the above product conforms to the attached analytical documents. Should the product fail for reasons other than through misuse Ludger will, at its option, replace free of charge or refund the purchase price. This warranty is exclusive and Ludger makes no other warrants, expressed or implied, including any implied conditions or warranties of merchantability or fitness for any particular purpose.

Ludger shall not be liable for any incidental, consequential or contingent damages.

This product is intended for *in vitro* research only.

Revised: 16-September-2004

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Certificate of Analysis

2-AB (2-aminobenzamide) Labeled GLC5

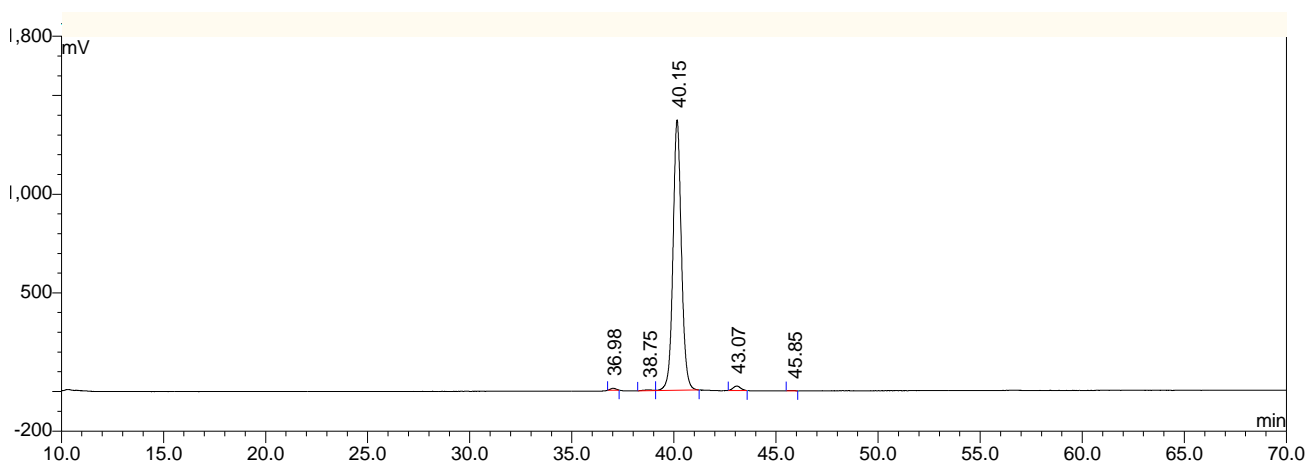
Cat. # : CAB-GLC5-BULK

Lot # : A47G-01

Size : BULK

Purity: > 95% pure as assessed by HPLC (see Fig 1)

Figure 1 : LudgerSep N1 HPLC Column (Cat. No. LS-N1-4.6x250) profile of CAB-GLC5-1 Lot # A47G-01



Column: LudgerSep N1

Flow: 0.4 ml/min

Solvent A: 100 % acetonitrile

Solvent B: 50 mM ammonium formate pH 4.4 Temperature: 40 °C.

Gradient: 0-75 min from 35-65 % B, 75-80 min from 65-100 % B, 80-83 min 100 % B, 83-85 min from 100-35 % B, 85-115 min 35 % B.

Detector: Jasco FP920. Gain setting 100, attenuation setting 1, excitation wavelength 360 nm, bandwidth 18 nm, emission wavelength 425 nm, bandwidth 18 nm.

Sample: CAB-GLC5-BULK