

Guanosine- 5'- O- diphosphate, immobilized on a polymeric matrix (GDP-Gel / GDP-Agarose) Biochemical

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CATALOG #

AAA52691

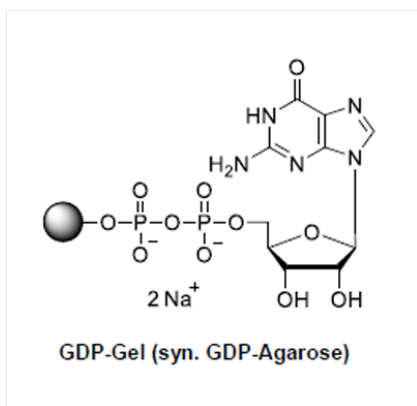
PRODUCT SYNONYMS

Guanosine- 5'- O- diphosphate; immobilized on a polymeric matrix (GDP-Gel / GDP-Agarose); immobilized on a polymeric matrix (GDP-Gel / GDP-Agarose) biochemical

PRODUCT SPECIFICATIONS

Specificity	Suspension in 30 mM Na ₂ HPO ₄ buffer (pH 7). Ligand density: approximately 37.2 umol/ml of settled gel UV: ? _{max} 252 nm/suspension in glycol.
Properties	GDP-Gel is suitable for the affinity purification of fucosyltransferases.
Chromatography	After equilibration with 20 mM Mes-KOH, pH 6.8, containing 0.02% NaN ₃ and 1 mM dithioerythritol the affinity column is loaded with the protein solution, e.g. at 1 mL/min. The column is then washed with 20 mM Mes-KOH buffer, pH 6.8, containing 50 mM NaCl, 0.02% NaN ₃ , and 30% glycerol and subsequently with the same buffer containing 500 mM NaCl. Elution of the enzyme can be performed with the same buffer containing 1.5 M NaCl (all data according to Costa et al. 1997). Regeneration of the gel may be achievable by incubation with 8 M urea or other chaotropic agents and subsequent washing with a suitable buffer.
Preparation and Storage	GDP-Gel has sufficient stability for chromatography at ambient temperature and does not need special care during handling or shipment. Nevertheless, for longer storage periods the gel should be kept in the refrigerator at 4 - 8°C. Storage buffer should contain 0.1% sodium azide for prevention of microbial growth.

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for
Guanosine- 5'- O- diphosphate,
immobilized on a polymeric matrix
(GDP-Gel / GDP-Agarose) biochemical

Guanosine-5'-O-diphosphate (GDP) has been immobilized on a polymeric matrix via the terminal phosphate.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/guanosine-5-o-diphosphate-immobilized-on-a-polymeric-matrix-gdp-gel-gdp-agarose/52691>