

G2S2(α 2,3)N-BSA

Cat. No. N-glycoprotein-07 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	G2S2(α 2,3)N-BSA is a neo-N-glycoprotein derived from Bovine Serum Albumin (BSA) and modified with G2S2(α 2,3)N, a biantennary N-glycan with each branch terminating in α 2,3-linked Neu5Ac and the Asn residue retained at the reducing end.
Description	Neo-N-glycoproteins are proteins conjugated with a single type of asparagine (Asn)-linked N-glycan via a linker approximately 40 Å in length. Because they feature well-defined, homogenous N-glycans, neo-N-glycoproteins have advantages over other natural and recombinant glycoprotein standards.
Form	Lyophilized in PBS (137 mM NaCl, 2.7 mM KCl, 2 mM KH ₂ PO ₄ , 10.1 mM Na ₂ HPO ₄ , pH 7.4)
Molecular Mass	~83,000
Applications	Western/lectin blots, ELISA, flow cytometry, lectin microarrays, etc.
Notes	These products are for research use only and not for resale or for any use in the manufacture of a therapeutic or for any diagnostic purpose.
Storage	At -20 centigrade for up to 12 months.
Reconstitution	Reconstituted in 50 μ L molecular grade water to yield a 1 mg/mL solution. Once reconstituted, store at 4 centigrade for up to 1 month or at -20 centigrade for up to 12 months.

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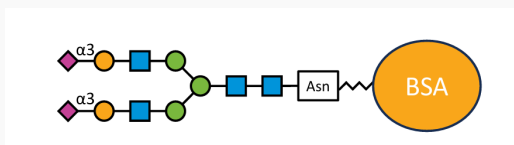
Usage

1. For ELISA, coat microtiter wells with 1-2 µg/mL of G2S2(α2,3)N-BSA in preferred buffer for 1 h at 37 centigrade. Block wells, then incubate with samples followed by detection reagents. 2. For Western/lectin blotting, load 1 µg of G2S2(α2,3)N-BSA alongside your samples in SDS-PAGE. Transfer to nitrocellulose membrane and probe with detection reagents. 3. For GlycoSense Array Kit control, use 2-10 µg/mL of biotinylated G2S2(α2,3)N-BSA in preferred incubation buffer. Detect binding using fluorescent streptavidin conjugate.

GENE INFORMATION

Official Symbol G2S2(α2,3)N-BSA

Synonyms G2S2(α2,3)N-BSA; N-glycoprotein



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