6044 Cornerstone Court W, Ste E
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Data Sheet

GITR (CD357), Fc Fusion, Biotin-labeled

Human, recombinant, Fc fusion protein, Biotin labeled
Catalog #: 71256
Lot #: 150611 **Conc.:** 0.94 mg/ml

Formulated in: 8 mM Phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol

Stability: At least 6 months at –80°C. *Avoid freeze/thaw cycles. Protein may be diluted to ≥ 100 µg/ml in PBS + glycerol and stored at -80°C.*

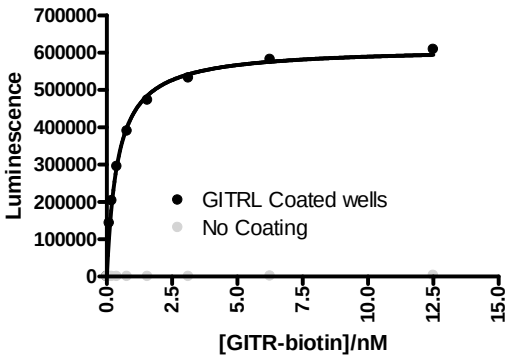
References:

1. Shimizu, J., *et al., Nat. Immunol.* 2002; **3**: 135-142.
2. Ko, K., *et al., J. Exp. Med.* 2005; **202(7)**: 885-891.

Description: Human secreted GITR, also known as Glucocorticoid-induced TNFR-Related Protein, Tumor Necrosis Factor Receptor Superfamily member 18, TNFRSF18, Activation-Inducible TNFR Family Receptor, AITR, and CD357, GenBank Accession No. NM_004195, a.a. 26-161 expressed in a HEK293 cell expression system, fused at the C-terminus to the Fc portion of human IgG1, and enzymatically biotin-labeled using Avi-tag™ technology. MW = 43 kDa (monomer). This protein runs at a higher MW by SDS-PAGE due to glycosylation.
Assay Description: GITR-biotin binding to GITRL was confirmed using the GITRL:GITR[Biotinylated] Inhibitor Screening Assay Kit (BPS Cat. #72061).
Application: Useful for studying protein binding and screening small molecules.

Quality Assurance

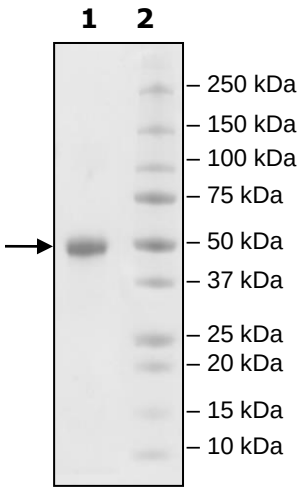
GITRL:GITR-biotin Binding



4-20% SDS-PAGE
Coomassie staining

Lane 1:
3 µg GITR
Lane 2:
Protein Marker

MW: 43 kDa + glycans
Purity: ≥90%



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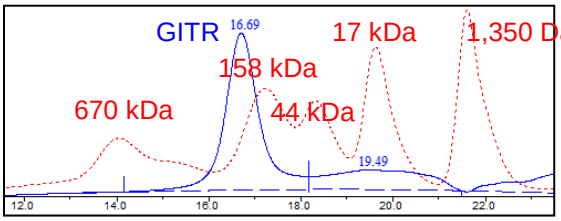
Gel Filtration Trace



<10% Aggregation

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