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Data Sheet

GITR (CD357) HiP™

Human, Recombinant, Fc fusion protein
Catalog #: 71172
Lot #: 140520-D **Conc.:** 0.29 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.

Stability: >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.*

Endotoxin Level: <0.1 EU/µg

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, Fc fusion protein, 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. MW = 41 kDa (monomer). This protein runs at a higher MW by SDS-PAGE due to glycosylation.

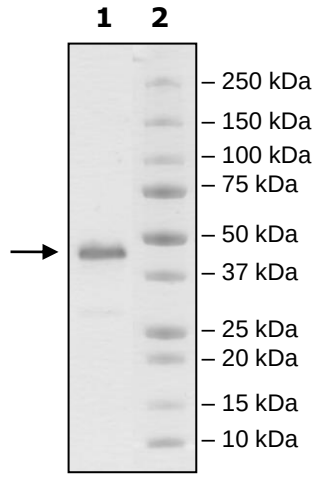
Application:
Useful for studying protein binding and screening small molecules.

Quality Assurance

4-20% SDS-PAGE
Coomassie staining

Lane 1:
3 µg GITR
Lane 2:
Protein Marker

MW: 41 kDa + glycans
Purity: ≥90%



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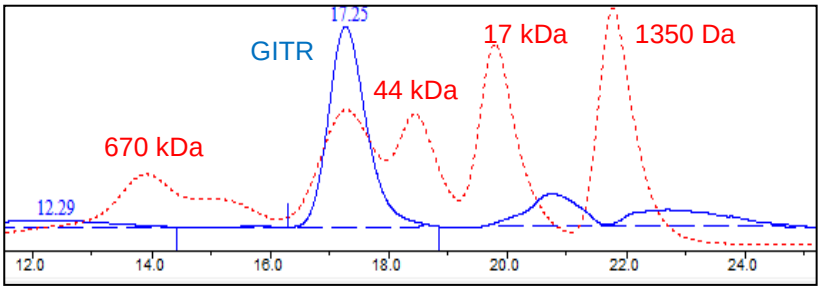
Gel Filtration Curve



<10% Aggregation

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