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Product Datasheet

Human BAFF protein, human IgG1 Fc tag (active), Unconjugated GTX05099-PRO

Article Name	Human BAFF protein, human IgG1 Fc tag (active), Unconjugated
Biozol Catalog Number	GTX05099-PRO
Supplier Catalog Number	GTX05099-pro
Alternative Catalog Number	GTX05099-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Human
Conjugation	Unconjugated
UniProt	Q9Y275
Buffer	Reconstitute with 100µl sterile H2O to 0.1 mg/ml. Lyophilized from PBS.
Expression System	CHO cells
Form	Lyophilized powder
Sequence	The receptor-binding domain of human BAFF (aa 136-285) is fused at the N-terminus to the Fc portion of human IgG1.

Application Notes

Rescues the production of mature follicular and marginal zone B cells. - in vitro: Addition of 1-100 ng/ml of Fc-BAFF induces B cell survival in a dose-dependent manner. - in vivo: Fc-BAFF treatment rescues mature B cell development in BAFF deficient mice. Mice are injected at day 0 with 100 µg Fc-BAFF i.v. and at day 14 with 50 µg Fc-BAFF i.p. It can bind to human and mouse BAFF-R, TACI and BCMA.