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Human TNFSF13B/BAFF/CD257 Recombinant Protein (84-813)

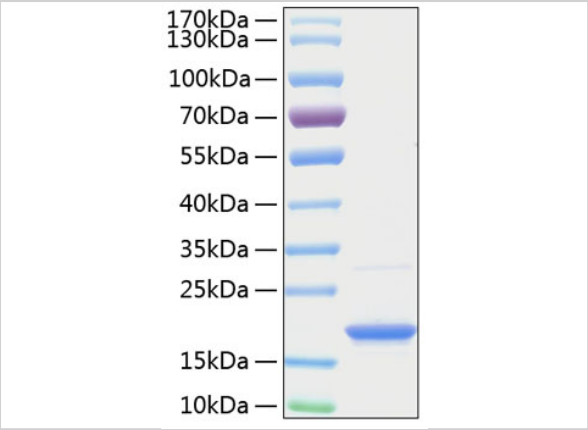
CATALOG NUMBER: 84-813

Specifications

Species	Human
Source Species	E. coli
Fusion Tag	No tag
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	17.04 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized recombinant human BAFF at 5 μg/mL (100 μL/well) can bind recombinant human BCMA with a linear range of 3-20 ng/mL. 2.Measured in a cell proliferation assay using anti-IgM stimulated mouse B cells. The ED_{50} for this effect is 0.1-1 ng/mL, corresponding to a specific activity of 1×10^6-1×10^7 units/mg. 3.Loaded Human TNFRSF17/BCMA/CD269 Protein, C-hFc&His on ProA Biosensor, can bind Human TNFSF13B/BAFF/CD257 Protein, no Tag with an affinity constant of 3.05nM as determined in BLI assay (Gator).

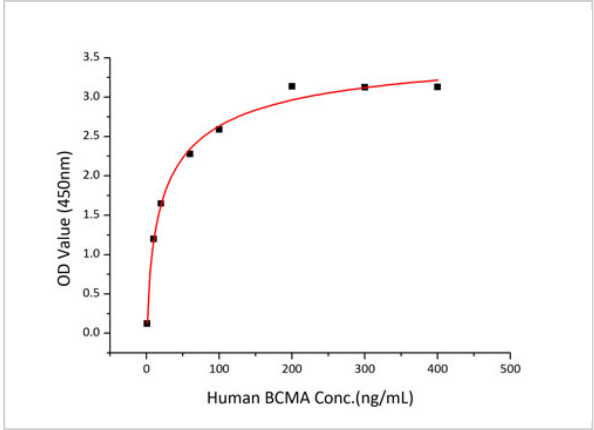
Properties

Purity	≥ 90 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of 50mM Tris, 150mM NaCl, pH 8.0.Contact us for customized product form or formulation.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



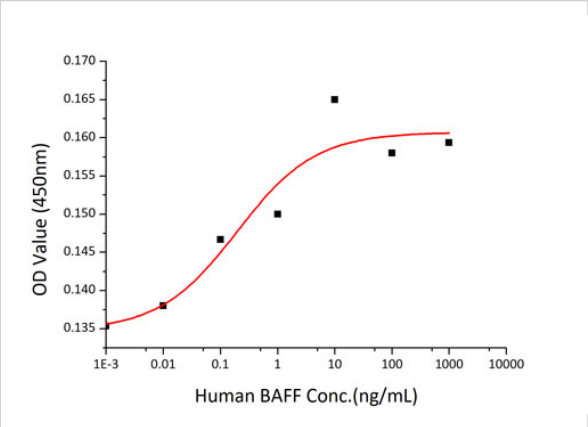
84-813_1

Recombinant Human TNFSF13B/BAFF/CD257 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



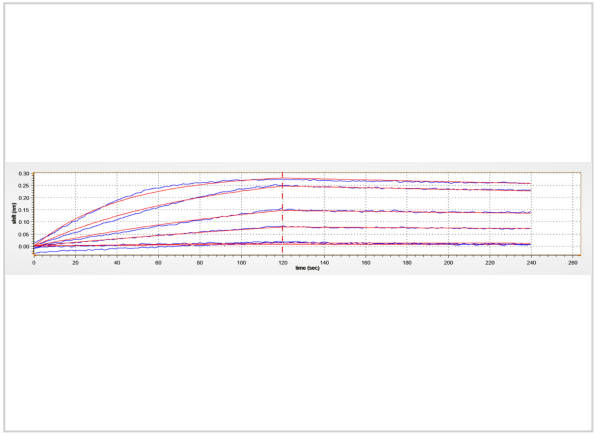
84-813_2

Immobilized recombinant human BAFF at 5 μg/mL (100 μL/well) can bind recombinant human BCMA with a linear range of 3-20 ng/mL.



84-813_3

Recombinant Human BAFF induces mouse B cell proliferation. The ED_{50} for this effect is 0.1-1 ng/mL, corresponding to a specific activity of 1×10^6-1×10^7units/mg.



84-813_4

Loaded Human TNFRSF17/BCMA/CD269 Protein, C-hFc&His (Catalog: 84-939) on ProA Biosensor, can bind Human TNFSF13B/BAFF/CD257 Protein, no Tag (Catalog: 84-813) with an affinity constant of 3.05nM as ...

Disclaimer

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