

Product Datasheet

Mouse BAFF (orb2993780)

Catalog Number	orb2993780
Category	Proteins
Description	Recombinant Mouse TNF Ligand Superfamily Member 13B is produced by our Mammalian expression system and the target gene encoding Ala127-Leu309 is expressed with a mFc tag at the N-terminus.
Conjugation	Unconjugated
Tag	N-mFc
Form/Appearance	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 10% Trehalose, 2% Mannitol, 0.05% Tween 80, pH 8.0.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Purity	SDS-PAGE: Greater than 95% as determined by reducing SDS-PAGE.
UniProt ID	Q9WU72
MW	Predicted: 46.9 KDa. Observed: 45-60 KDa, reducing conditions
Expression System	Human Cells
Endotoxins	1 EU/µg as determined by LAL test.
Biological Origin	Mouse

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Biological Activity

BLI: Loaded Human BCMA-His(Cat#orb2993882) on HIS1K Biosensor, can bind Mouse BAFF-mFc(Cat#orb2993780) with an affinity constant of 1.58 nM as determined in BLI assay. Loaded Cynomolgus BCMA-His(Cat#orb2993878) on HIS1K Biosensor, can bind Mouse BAFF-mFc(Cat#orb2993780) with an affinity constant of 0.32 nM as determined in BLI assay. Loaded Human BCMA-His(Cat#orb2994719) on HIS1K Biosensor, can bind Mouse BAFF-mFc(Cat#orb2993780) with an affinity constant of -3 nM as determined in BLI assay.

Expression Region

Ala127-Leu309

Storage

Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.

Note

For research use only

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