

Rev05
 Update: Aug,11,2025
DATASHEET

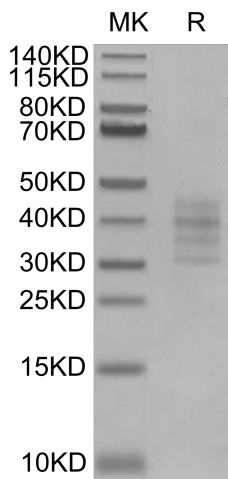
BCMA/TNFRSF17 Trimer[Biotin], His & Avi, Human

Cat. No.: Z03850

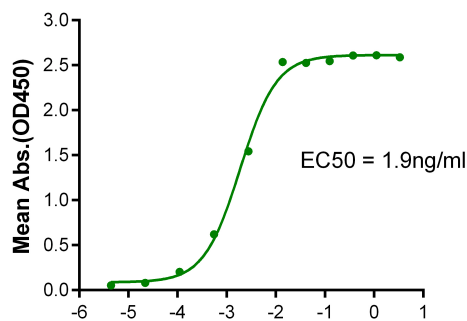
Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> BCMA/TNFRSF17 Trimer (Met1-Ala54) Accession # Q02223 </div> <div style="background-color: #90c080; color: white; padding: 5px; text-align: center; margin: 0 5px;">His</div> <div style="background-color: #4caf50; color: white; padding: 5px; text-align: center; margin: 0 5px;">Avi</div> </div> <div style="display: flex; justify-content: space-between; width: 100%; margin-top: 5px;"> N-term C-term </div>
Conjugate	Biotin
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Immobilized Human BAFF, hFc Tag at 1 µg/ml (100µl/well) on the plate can bind BCMA/TNFRSF17 Trimer[Biotin], His & Avi, Human(Cat.No.: Z03850).
Expression System	HEK293
Theoretical Molecular Weight	29.5 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 35-50 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from a 0.22 µm filtered solution in PBS, pH 7.4.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples

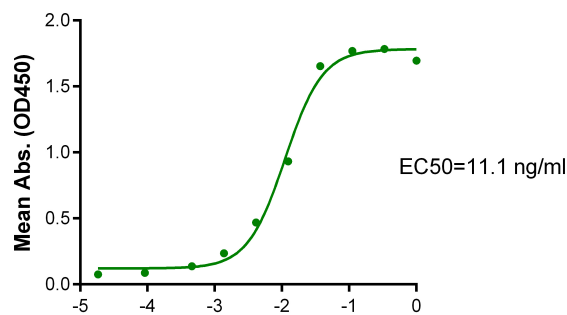


BCMA/TNFRSF17 Trimer[Biotin], His & Avi, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Log Biotinylated Human BCMA (Trimer), His Tag Conc.(ng/ml)

Immobilized Anti-BCMA Antibody at 1 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) on the plate. Dose response curve for BCMA/TNFRSF17 Trimer[Biotin], His & Avi, Human, His Tag with the EC50 of 1.9ng/ml determined by ELISA.



Log Biotinylated Human BCMA (Trimer), His Tag Conc. ($\mu\text{g/ml}$)

Immobilized Human BAFF, hFc Tag at 1 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) on the plate. Dose response curve for BCMA/TNFRSF17 Trimer[Biotin], His & Avi, Human, His Tag with the EC50 of 11.1 ng/ml determined by ELISA.

Background

Target Background : BCMA (B-cell maturation antigen), also called TNFRSF17, is encoded by the TNFRSF17 gene. It acts as a cell surface receptor of the TNF receptor superfamily. BCMA recognizes B-cell activating factor (BAFF). It interacts with the B-cell activating factor TNFSF13B.

Synonyms : CD269; TNFRSF17; BCMA; BCM; TNFRSF13A

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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