

Rev02
 Update: Aug,08,2025

DATASHEET

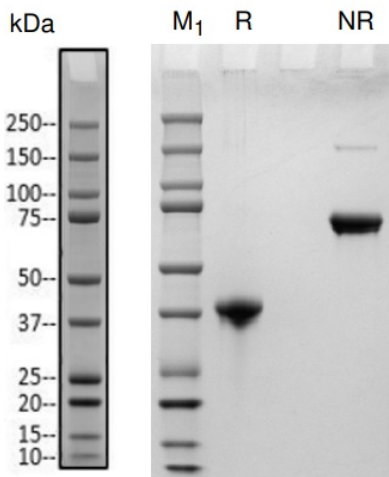
BCMA TNFRSF17 hFc Chimera, Human

Cat. No.: Z06800

Product Introduction

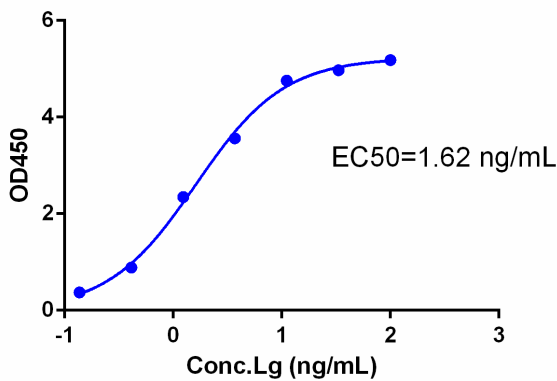
Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center; margin-right: 10px;"> BCMA/TNFRSF17 (Met1-Ala54) Accession # Q02223-1 </div> <div style="background-color: #90c080; color: white; padding: 5px; text-align: center; margin-left: 10px;"> hFc </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	≥ 95% as analyzed by reducing SDS-PAGE
Endotoxin Level	< 0.2 EU/μg of protein by gel clotting method
Biological Activity	Immobilized Human BAFF/TNFSF13B/CD257, His at 1 μg/ml (100μl/well) on the plate can bind BCMA/TNFRSF17 hFc Chimera, Human (Cat.No.: Z06800).
Theoretical Molecular Weight	31.4 kDa
Apparent Molecular Weight	Due to glycosylation and dimerization, the protein migrates to 70 kDa based on SDS-PAGE result.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS, pH7.2
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.
Storage & Stability	Upon receiving, the product remains stable for 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



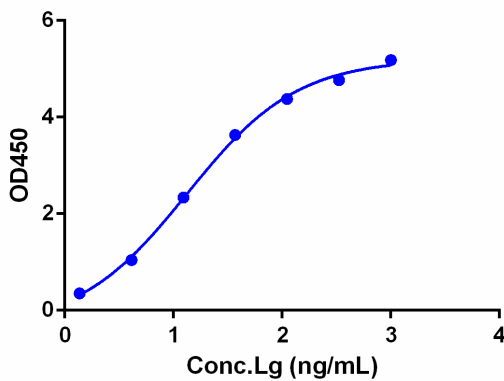
BCMA/TNFRSF17 hFc Chimera, Human on SDS-PAGE under reducing and non-reducing conditions. The purity is greater than 95%.

Binding curve between BCMA (TNFRSF17) and BAFF/TNFSF13B/CD257

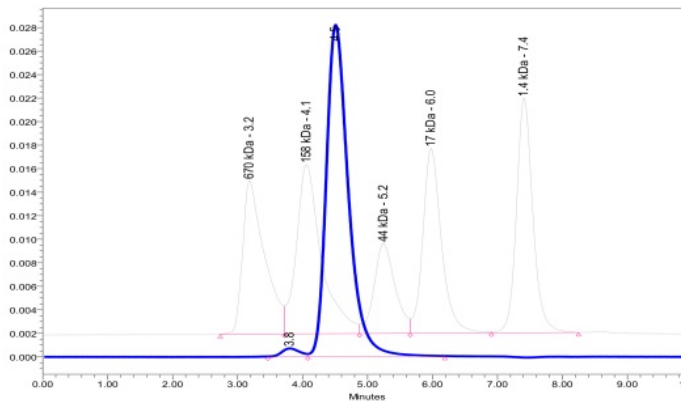


Immobilized BAFF/TNFSF13B/CD257[Biotin], His & Avi, Human (Cat. No.Z04413) at 1 μ g/mL (100 μ L/well) on the plate. Dose response curve for BCMA/TNFRSF17 hFc Chimera, Human (Cat. No.Z06800) with the EC50 of 1.62 ng/ml determined by ELISA.

Binding curve between BCMA (TNFRSF17) and anti-BCMA antibody



Immobilized BCMA/TNFRSF17 hFc Chimera, Human (Cat. No.Z06800) at 1 μ g/mL (100 μ L/well) can bind Anti-Human BCMA antibody.



The purity of BCMA/TNFRSF17 hFc Chimera, Human is greater than 95% as determined by SEC-HPLC.

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 research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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