

Rev04
 Update: Aug,08,2025

DATASHEET

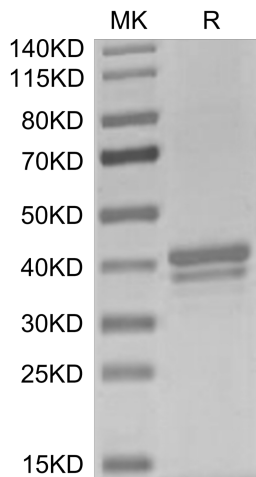
BCMA/TNFRSF17 hFc Chimera, Human

Cat. No.: Z03847

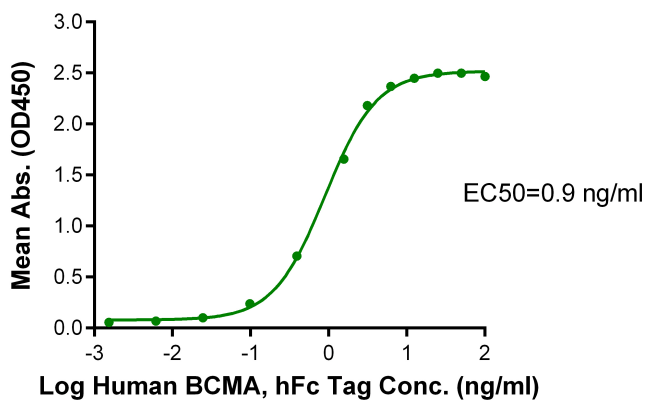
Product Introduction

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 (Met1-Ala54) Accession # Q02223-1 </div> <div style="margin: 0 10px;">N-term</div> <div style="background-color: #76b82a; color: white; padding: 5px; text-align: center;">hFc</div> <div style="margin: 0 10px;">C-term</div> </div>
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 APRIL Trimer, His Tagat 0.1 µg/ml (100µl/well) on the plate can bind BCMA/TNFRSF17 hFc Chimera, Human (Cat.No.: Z03847).
Expression System	HEK293
Theoretical Molecular Weight	31.4 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 35-45 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.

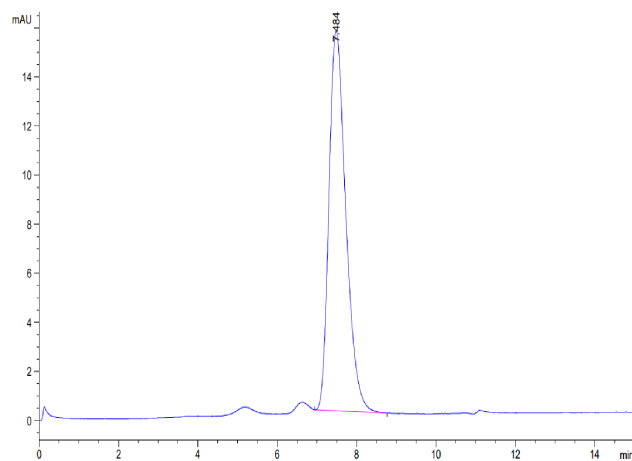
Examples



BCMA/TNFRSF17 hFc Chimera, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized Human APRIL (Trimer), His Tag at 0.1 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) on the plate. Dose response curve for BCMA/TNFRSF17 hFc Chimera, Human, hFc Tag with the EC50 of 0.9 ng/ml determined by ELISA.



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

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