

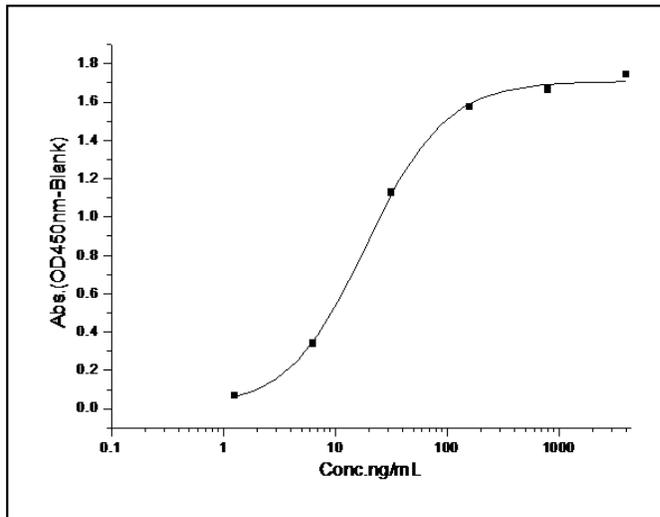
## Tnfrsf13c

### Recombinant Mouse TNFRSF13C / BAFF-R / CD268 (Fc Tag)

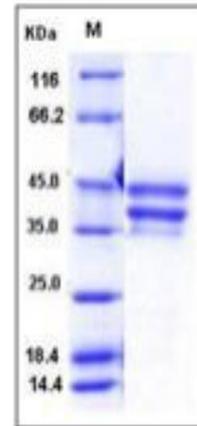
<b>Catalog No.</b>	CRM594A-Fc CRM594B-Fc	<b>Quantity:</b>	50 µg 100 µg
<b>Alternate Names:</b>	Tumor necrosis factor receptor superfamily member 13C, B-cell maturation defect, B-cell-activating factor receptor, BAFF receptor, BAFF-R, BLyS receptor 3, CD268		
<b>Description:</b>	Tumor necrosis factor receptor superfamily, member 13C is a member of the tumor necrosis factor receptor superfamily. A tumor necrosis factor receptor (TNFR), or death receptor, is a trimeric cytokine receptor that binds tumor necrosis factors (TNF). The receptor cooperates with an adaptor protein which is important in determining the outcome of the response. Members of the TNF receptor superfamily (TNFRSF) have crucial roles in both innate and adaptive immunity and in cellular apoptosis process. Certain cells have unique sensors, termed death receptors or tumor necrosis factor receptors (TNFR), on their surface. Tumor necrosis factor receptors (TNFR) detect the presence of extracellular death signals and, in response, they rapidly ignite the cell's intrinsic apoptosis machinery. It has been proposed that abnormally high levels of TNFRSF13C may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells.		
<b>UniProt ID:</b>	Q9D8D0-1		
<b>Protein Construction:</b>	A DNA sequence encoding the mouse BAFF-R extracellular domain (Met 1-Ala 71) was fused with the Fc region of human IgG1 at the C-terminus.		
<b>Source:</b>	HEK293 Cells		
<b>Formulation:</b>	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.		
<b>Molecular Weight:</b>	The secreted recombinant mouse BAFF-R/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 303 aa with a predicted MW of 33.7 kDa and migrates at ~40-45 kDa in reduced SDS-PAGE, due to glycosylation.		
<b>Purity:</b>	> 90 % as determined by SDS-PAGE.		
<b>Endotoxin Level:</b>	< 1.0 EU per µg of the protein as determined by the LAL method		
<b>Biological Activity:</b>	Immobilized human BAFF at 10 µg/ml (100 µl/well) can bind mouse BAFFR-Fc, The EC50 of mouse BAFFR-Fc is 0.14-0.32 µg/ml.		
<b>Predicted N-terminal:</b>	Ser 10		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. <b>DO NOT VORTEX.</b> Allow several minutes for complete reconstitution.		
<b>Storage &amp; Stability:</b>	Stable for up to 1 year from date of receipt at -20°C to -80°C After reconstitution, store working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		



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SDS-PAGE



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