

## Active Recombinant Monkey TNFRSF17 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. TNFRSF17-8829CAF555 Lot. No. (See product label)

### SPECIFICATION

#### Product Overview

Alexa Fluor 555 conjugated recombinant Rhesus TNFRSF17(Met1-Ala53) fused with the Fc region of human IgG1 at C-terminal was expressed in HEK293.

#### Species

Monkey

#### Source

HEK293

#### ProteinLength

Met1-Ala53 294


#### Description

Tumor necrosis factor receptor superfamily, member 17 (TNFRSF17), also known as B cell maturation antigen (BCMA) or CD269 antigen, is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13BBAFF), and to lead to NF-kappaB and MAPK8/JNK activation. TNFRSF17/BCMA/CD269 also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation.

TNFRSF17/BCMA/CD269 is a receptor for TALL-1 and BCMA activates NF-kappaB through a TRAF5-, TRAF6-, NIK-, and IKK-dependent pathway. The identification of TNFRSF17 as a NF-kappaB-activating receptor for TALL-1 suggests molecular targets for drug development against certain immunodeficient or autoimmune diseases. TNFRSF17/BCMA is a target of donor B-cell immunity in patients with myeloma who respond to DLI. Antibody responses to cell-surface BCMA may

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	contribute directly to tumor rejection in vivo.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized human BAFF at 10 µg/mL (100 µL/well) can bind Rhesus TNFRSF17-Fc, The EC50 of Rhesus TNFRSF17-Fc is 0.03-0.07 µg/mL.
<b>Molecular Mass</b>	33 kDa
<b>N-terminal Sequence Analysis</b>	Met
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

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**Shipping** Shipped at ambient temperature.  
Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

**Conjugation** Alexa Fluor 555

## GENE INFORMATION

**Gene Name** TNFRSF17 TNF receptor superfamily member 17 [ *Macaca mulatta* ]

**Official Symbol** TNFRSF17

**Synonyms** tumor necrosis factor receptor superfamily, member 17

**Gene ID** 712212

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