

BAFFR/TNFRSF13C Active Protein | TNFRSF13C active protein

BAFFR/TNFRSF13C Protein, Mouse, Recombinant (hFc Tag)

CATALOG #
AAA258157

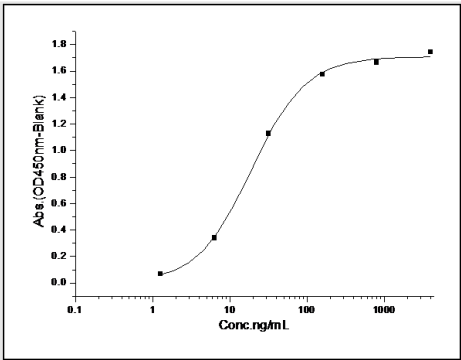
HOST
HEK293 Cells

PRODUCT SYNONYMS

BAFFR/TNFRSF13C; BAFFR/TNFRSF13C Protein; Mouse; Recombinant (hFc Tag); Mouse BAFFR/TNFRSF13C/CD268 Protein (Fc Tag); 2010006P15Rik Protein; BAFF-R Protein; Baffr Protein; Bcmd Protein; Bcmd-1 Protein; Bcmd1 Protein; Lvis22 Protein; tumor necrosis factor receptor superfamily; member 13C; TNFRSF13C active protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Sequence	Met1-Ala71
Species	Mouse
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Predicted N Terminal	Ser 10
Tag	C-human IgG1-Fc
Protein Construction	A DNA sequence encoding the mouse BAFFR (Q9D8D0-1) extracellular domain (Met 1-Ala 71) was fused with the Fc region of human IgG1 at the C-terminus.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Activity	Immobilized human BAFF at 10ug/ml (100uL/well) can bind mouse BAFFR-Fc. The EC50 of mouse BAFFR-Fc is 0.14-0.32ug/ml.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.



SDS-PAGE

Application Data
Immobilized human BAFF at 10 ug/ml (100 ul/well) can bind mouse BAFFR-Fc, The EC50 of mouse BAFFR-Fc is 0.14-0.32 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for TNFRSF13C active protein	Background: Tumor necrosis factor receptor superfamily, member 13C (TNFRSF13C) also known as B-cell-activating factor receptor (BAFFR) and CD268 antigen, 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. Apoptosis is a cell suicide mechanism that enables metazoans to control cell number in tissues and to eliminate individual cells that threaten the animal's survival. Certain cells have unique sensors, termed death receptors or tumour necrosis factor (TNFR), on their surface. Tumour necrosis factors (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 BAFFR/TNFRSF13C (CD268) may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells.
References	Ashkenazi A, et al. (1998) Death receptors: signaling and modulation. Science. 281(5381): 1305-8.Losi CG, et al. (2005) Mutational analysis of human BAFF receptor TNFRSF13C (BAFF-R) in patients with common variable immunodeficiency. J Clin Immunol. 25(5): 496-502.Hentges KE, et al. (2002) Tnfrsf13c (Baffr) is mis-expressed in tumors with murine leukemia virus insertions at Lvis22. Genomics. 80(2): 204-12.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264095
NCBI GeneID	72049
UniProt Accession #	Q9D8D0
Molecular Weight	17,576 Da
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 13C
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 13c
NCBI Official Symbol	Tnfrsf13c
NCBI Official Synonym Symbols	Bcmd; Baffr; Bcmd1; BAFF-R; Bcmd-1; Lvis22; 2010006P15Rik
NCBI Protein Information	tumor necrosis factor receptor superfamily member 13C; BAFF receptor; BLyS receptor 3; B-cell maturation defect 1; B-cell-activating factor receptor; b cell-activating factor receptor
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 13C
UniProt Gene Name	Tnfrsf13c
UniProt Synonym Gene Names	Baffr; Bcmd; Br3; BAFF-R
UniProt Entry Name	TR13C_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hek293-cells-active-protein/baffr-tnfrsf13c/258157>