

Active Recombinant Human TNFRSF13C, Fc-tagged, Biotinylated

Cat. No. TNFRSF13C-551H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human BAFFR-Fc fusion is expressed as a 300 amino acid protein consisting of Arg2 - Gly76 region of BAFFR (UniProt accession #Q96RJ3) and a C-terminal Fc from human IgG1, which exists as a dimer/tetramer/oligomer under non-reducing conditions
Species	Human
Source	Human Cells
ProteinLength	2-76 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Binds to its ligand BAFF. Inhibits BAFF-mediated signaling activities including NF-κB activation and proliferation of anti-IgM co-stimulated B cells.
Molecular Mass	Calculated molecular mass (kDa): 33; Estimated by SDS-PAGE under reducing condition (kDa): 40-45
Endotoxin	<0.1 eu per 1 µg of purified recombinant protein determined by the
Purity	>95% judged by SDS-PAGE under reducing condition

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Storage The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

Conjugation Biotin

GENE INFORMATION

Gene Name TNFRSF13C tumor necrosis factor receptor superfamily, member 13C [Homo sapiens]

Official Symbol TNFRSF13C

Synonyms TNFRSF13C; tumor necrosis factor receptor superfamily, member 13C; tumor necrosis factor receptor superfamily member 13C; BAFFR; CD268; BAFF receptor; BLyS receptor 3; B cell-activating factor receptor; B-cell-activating factor receptor; CVID4; BAFF-R; BROMIX; prolixin; MGC138235;

Gene ID 115650

mRNA Refseq NM_052945

Protein Refseq NP_443177

MIM 606269

UniProt ID Q96RJ3

Chromosome 22q13.1-q13.3

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Location	
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Intestinal immune network for IgA production, organism-specific biosystem; Intestinal immune network for IgA production, conserved biosystem; Primary immunodeficiency, organism-specific biosystem;
Function	receptor activity;

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