

## Recombinant Human TNFRSF13C Protein, Fc-tagged

Cat. No. TNFRSF13C-098H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TNFRSF13C protein with Fc tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	184
<b>Description</b>	B cell-activating factor (BAFF) enhances B-cell survival in vitro and is a regulator of the peripheral B-cell population. Overexpression of Baff in mice results in mature B-cell hyperplasia and symptoms of systemic lupus erythematosus (SLE). Also, some SLE patients have increased levels of BAFF in serum. Therefore, it has been proposed that abnormally high levels of BAFF may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells. The protein encoded by this gene is a receptor for BAFF and is a type III transmembrane protein containing a single extracellular cysteine-rich domain. It is thought that this receptor is the principal receptor required for BAFF-mediated mature B-cell survival.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	33.2 kDa
<b>AA Sequence</b>	MRRGPRSLRGRDAPAPTPCVPAECFDLLVRHCVACGLLRTPRPKPAGASSPAPRT ALQPQESVGAGAGEAALPLPGLLFGAPALLGLALVLALVLVGLVSWRRRQRRLRGA SSAEAPDGDKDAPEPLDKVIILSPGISDATAPAWPPPGEDPGTTPPGHSVPVPATEL

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	GSTELVTTKTAGPEQQ
<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TNFRSF13C tumor necrosis factor receptor superfamily, member 13C [ Homo sapiens (human) ]
<b>Official Symbol</b>	TNFRSF13C
<b>Synonyms</b>	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;

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CVID4; BAFF-R; BROMIX; prolixin; MGC138235;

**Gene ID** 115650

**mRNA Refseq** NM\_052945

**Protein Refseq** NP\_443177

**MIM** 606269

**UniProt ID** Q96RJ3

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