

## Active Recombinant Human TNFRSF13C protein(Arg2-Ala71), hFc&Avi-tagged, Biotinylated

**Cat. No.** TNFRSF13C-1362H    **Lot. No.** (See product label)

### SPECIFICATION

|                          |                                                                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Recombinant Human TNFRSF13C (NP_443177.1)(Arg2-Ala71) was expressed in HEK293 with a c-terminal AVI tagged Fc region of human IgG1 at the C-terminus (Fc-AVI).                             |
| <b>Species</b>           | Human                                                                                                                                                                                                   |
| <b>Source</b>            | HEK293                                                                                                                                                                                                  |
| <b>ProteinLength</b>     | Arg2-Ala71                                                                                                                                                                                              |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                  |
| <b>Form</b>              | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                          |
| <b>Bio-activity</b>      | Immobilized Human BAFF/BLyS hFc at 2 µg/mL (100 µL/well) can bind Human BAFFR/TNFRSF13C hFc & AVI, Biotinylated, the EC50 of Human BAFFR/TNFRSF13C hFc & AVI, Biotinylated is 40-200 ng/mL.             |
| <b>Molecular Mass</b>    | The recombinant Human TNFRSF13C consists of 324 amino acids and predicts a molecular mass of 35.79 kDa. It migrates as an approximately 51.85 and 44.65 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>         | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                |

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|                       |                                                                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 95 % as determined by SDS-PAGE.                                                                                                                                                                                                               |
| <b>Storage</b>        | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |
| <b>Conjugation</b>    | Biotin                                                                                                                                                                                                                                          |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TNFRSF13C tumor necrosis factor receptor superfamily, member 13C [ Homo sapiens ]                                                                                                                                                                                                         |
| <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; CVID4; BAFF-R; BROMIX; prolixin; MGC138235; |
| <b>Gene ID</b>         | 115650                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_052945                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_443177                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>             | 606269                                                                                                                                                                                                                                                                                    |

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UniProt ID

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