

Active Recombinant Human TNFRSF13C Protein (1-78aa), C-hlgG-His tagged

Cat. No. TNFRSF13C-05H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human BAFFR (1-78aa), fused to hlgG-tag at Cterminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Species	Human
Source	HEK293
ProteinLength	1-78aa
Description	B-cell receptor specific for TNFSF13B/TALL1/BAFF/BLyS. Promotes the survival of mature B-cells and the B-cell response.
Form	Liquid
Bio-activity	Measured by its binding ability in a functional ELISA with Human BAFF. The ED50 range $\leq 0.7 \mu\text{g/mL}$.
Molecular Mass	34.4 kDa (314aa)
AA Sequence	< DGS> MRRGPRSLRGRDAPAPTPCVPAECFDLLVRHCVACGLLRTPRKPAGASS PAPRTALQPQESVGAGAGEAALPLPGLL< LEPKSCDKTHTCPPCPAPELLGGPSVF LFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYN STYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPS

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	RDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLT VDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK>
Endotoxin	< 1.0 EU/μg of the protein by the LAL method.
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE, Bioactivity
Notes	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

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

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Gene ID 115650

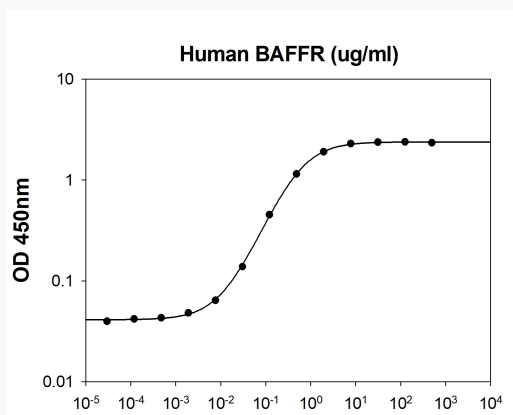
mRNA Refseq NM_052945

Protein Refseq NP_443177

MIM 606269

UniProt ID Q96RJ3

Biological Activity



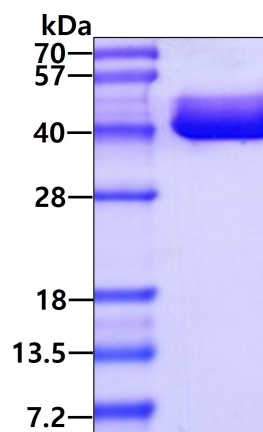
Human BAFF is coated at 5 µg/mL (100 µL/well) can bind Human BAFFR. The ED50 range ≤ 0.7 µg/mL.

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SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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