

BAFF/TNFSF13B Protein, Rhesus macaque, Recombinant (hFc)

General Information

Synonyms:	Tumor necrosis factor ligand 7A;TNF superfamily member 13b;TNFSF13B;TNLG7A
Protein Construction:	Ala134-Leu285
Species:	Rhesus
Expression Host:	HEK293 Cells
Accession:	F7HHH0
Molecular Weight:	45-55 kDa (reducing condition)
AA Sequence:	Ala134-Leu285

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing PBS, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

TNFSF13B is also known as B-cell activating factor (BAFF), BlyS and TNLG7A, is a member of TNF ligand superfamily. TNFSF/TNFRSF members function as key molecules in local and systemic inflammatory network, and the plasma TNFSF13B and TNFSF14 may be the potential local and systemic inflammatory indicators of severe HAdV pneumonia in pediatric patients. Identification of TNFSF13B as candidate causative genes supports conjectures on involvement of the immune system in BVVL and amyotrophic lateral sclerosis. It's reported that

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APRIL, BAFF, and BAFF receptors play a major role in the pathogenesis of RA, and MSCT seems to inhibit these immunological factors.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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