10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Animal-Free Recombinant Human BAFF
Catalog # PBG10550

Specification

Animal-Free Recombinant Human BAFF - Product Information

Animal-Free Recombinant Human BAFF - Additional Information

Description
BAFF, a member of the TNF family of ligands, is expressed in T cells, macrophages, monocytes and dendritic cells. BAFF is involved in stimulation of B and T cell function, and is an important survival and maturation factor for peripheral B cells. BAFF signals through three different TNF receptors TACI, BCMA and BAFF-R. The human BAFF gene codes for a 285 amino acid type II transmembrane protein containing a 46 amino acid cytoplasmic domain, a 21 amino acid transmembrane domain, and a 218 amino acid extracellular domain. Recombinant human soluble BAFF is a 152 amino acid polypeptide (17.0 kDa), which contains the TNF-like portion of the extracellular domain of BAFF.

BiologicalActivity
Determined by a M splenocyte survival assay. The expected ED₅₀ for this effect is 0.5-2.0 µg/ml.

Authenticity
Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin
Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content
Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage
-20°C

Precautions
Animal-Free Recombinant Human BAFF is for research use only and not for use in diagnostic or therapeutic procedures.

Animal-Free Recombinant Human BAFF - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

- Cell Culture

Animal-Free Recombinant Human BAFF - Images