

Recombinant Human BAFF
Catalog # PBG10025**Specification**

Recombinant Human BAFF - Product Information**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.

Biological Activity

Determined by a M splenocyte survival assay. The expected ED_{50} for this effect is 0.5-2.0 $\mu\text{g/ml}$.

Authenticity

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

Endotoxin

Endotoxin level is $<0.1 \text{ ng/}\mu\text{g}$ of protein ($<1\text{EU/}\mu\text{g}$).

Protein Content

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

Storage

-20°C

Precautions

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

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 Cytometry](#)

- [Cell Culture](#)

Recombinant Human BAFF - Images