

BAFF, recombinant Human

Cat # NB-50-0385-5 Size: 5µg

Cat # NB-50-0385-20 Size: 20µg

Cat # NB-50-0385-50 Size: 50µg

Cat # NB-50-0385-100 Size: 100µg

Cat # NB-50-0385-250 Size: 250µg

Cat # NB-50-0385-500 Size: 500µg

Cat # NB-50-0385-1 Size: 1mg

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 BAFFR. 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.

Product Information

Source:	E.coli
Synonyms:	B cell Activating Factor belonging to the TNF family, TNFSF13B, TNFSF20, TALL-1, BlyS, THANK, ZNTF4
AA Sequence:	AVQGPEETVT QDCLQLIADS ETPTIQKGSY TFVPWLLSFK RGSAALEEKEN KILVKETGYF FIYGQVLYTD KTYAMGHLIQ RKKVHVFGDE LSLVTLFRCI QNMPETLPNN SCYSAGIAKL EEGDELQLAI PRENAQISLD GDVTFFGALK LL
Calculated M.W.:	17 kDa
Endotoxin:	Endotoxin level is < 0.1 ng/ug of protein (< 1 EU/ug)

Storage & Handling

Handling:	Centrifuge vial prior to opening. Do not vortex after reconstitution. Avoid repeated freeze-thaw cycles.
Reconstitution:	Initially reconstitute in water to 0.1-0.5 mg/ml. Note: Gently shake the solution for about 10 minutes for better solubility. Store at 2°C to 8°C for up to 1 week or prepare for extended storage.
Extended Storage:	After initial reconstitution, further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA). Store working aliquots at -20°C to -80°C.

Product Form	Temperature	Storage Time
Lyophilized	-20°C to -80°C	see date on label
Lyophilized	4°C	6 months
Lyophilized	Room Temperature	1 month
Reconstituted	2°C to 8°C	1 week
Extended Storage	-20°C to -80°C	3 months

Biological activity

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

Target

Accession Number: Q9Y275

Gene ID: 10673

For reference only.

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For Research Use Only. Not for Diagnostic or Therapeutic Use.*