

BAFF/TNFSF13B Protein, Human (CHO)

Cat. No.:	HY-P7003
Synonyms:	rHuBAFF/TNFSF13B; BLYS; TALL1; THANK; ZTNF4; TALL-1; TNFSF20
Species:	Human
Source:	CHO
Accession:	Q9Y275 (A134-L285)
Gene ID:	10673
Molecular Weight:	Approximately 17 kDa

PROPERTIES

AA Sequence	<p> AVQGP EETVT QDCLQLIADS ETPTIQKGSY TFVPWLLSFK RGSAL E EKEN KILVKETGYF FIYGQVLYTD KTYAMGHLIQ RKKVHVFGDE LSLVTLFRCI QNMPETLPNN SCYSAGIAKL EEGDELQLAI PRENAQISLD GDVTFFGALK LL </p>
Biological Activity	The ED ₅₀ is <20 ng/mL as measured by human RPMI 8226 cells, corresponding to a specific activity of >5.0 × 10 ⁴ units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against PBS.
Endotoxin Level	<0.2 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	B-cell activating factor (BAFF), a member of the tumor necrosis factor (TNF) superfamily, is secreted by various myeloid cells such as macrophages, dendritic cells, and neutrophils. BAFF is a potent survival factor for B cells and plays an essential role in peripheral B-cell homeostasis ^[1] .
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REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA