

## BAFF/TNFSF13B Protein, Human (CHO)

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

### PROPERTIES

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

### DESCRIPTION

<b>Background</b>	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 <sup>[1]</sup> .
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### REFERENCES

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

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