



碧云天生物技术/Beyotime Biotechnology
 订货热线: 400-1683301 或 800-8283301
 订货 e-mail: order@beyotime.com
 技术咨询: info@beyotime.com
 网址: http://www.beyotime.com

Recombinant Human BAFF/TNFSF13B

产品编号	产品名称	包装
P5336-5μg	Recombinant Human BAFF/TNFSF13B	5μg
P5336-100μg	Recombinant Human BAFF/TNFSF13B	100μg
P5336-500μg	Recombinant Human BAFF/TNFSF13B	500μg

产品简介:

Species	Gene ID	Accession	Source	Length	MW	Tag
Human	10673	Q9Y275	<i>E. coli</i>	153aa	17.2kDa	—

About this protein	
Name	Recombinant Human BAFF/TNFSF13B (Recombinant Human B Cell Activating Factor; rHuBAFF); 重组人B细胞激活因子/TNFSF13B
Synonyms	BLyS; CD257; TALL1; THANK; TNFSF13B; ZTNF4; ApoL related ligand TALL-1; B lymphocyte stimulator; BAFFB-cell activating factor; B-cell-activating factor; BlyS; BLYSB-lymphocyte stimulator; CD257; CD257 antigen; Dendritic cell-derived TNF-like molecule; DTL; TALL-1delta BAFF; TALL1Delta4 BAFF; THANK; TNF- and APOL-related leukocyte expressed ligand 1; TNF and ApoL-related leukocyte expressed ligand 1; TNF homolog that activates apoptosis; TNFSF20; tumor necrosis factor (ligand) superfamily, member 13b; tumor necrosis factor (ligand) superfamily, member 20; tumor necrosis factor ligand superfamily member 13B; tumor necrosis factor superfamily, member 13b; tumor necrosis factor-like protein ZTNF4; ZTNF4
Purity	>95% by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a mouse splenocyte survival assay is 0.5-2μg/ml.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation	Lyophilized from a 0.2μm filtered concentrated solution in PBS, pH7.0.
Endotoxin	Less than 1EU/μg of rHuBAFF as determined by LAL method.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤-20°C. Further dilutions should be made in appropriate buffered solutions.
Category	Cytokine
Background	B-cell activating factor (BAFF), also known as Blys, TALL-1, TNAK, and zTNF4, is a TNF ligand superfamily member and has been designated TNFSF13B. Produced by macrophages, dendritic cells, and T lymphocytes, BAFF promotes the survival of B cells and is essential for B cell maturation. BAFF binds to three TNF receptor superfamily members: B-cell maturation antigen (BCMA/TNFRSF17), transmembrane activator and calcium-modulator and cyclophilin ligand interactor (TACI/TNFRSF13B) and BAFF receptor (BAFF R/BR3/TNFRSF 13C). These receptors are type III transmembrane proteins that lack a signal peptide. Whereas TACI and BCMA bind BAFF and another TNF superfamily ligand, APRIL (a proliferation-inducing ligand), BAFF R selectively binds BAFF. The BAFF R extracellular domain lacks the TNF receptor canonical cysteine-rich domain (CRD) and contains only a partial CRD with four cysteine residues. Human and mouse BAFF R share 56%a.a. sequence identity. BAFF R is highly expressed in spleen, lymph node and resting B cells. It is also expressed at lower levels in activated B cell, in resting CD4 ⁺ T cells, in thymus and peripheral blood leukocytes.
Amino Acid Sequence	MAVQGPEETV TQDCLQLIAD SETPTIQKGS YTFVPWLLSF KRGSALREEKE NKILVKETGY FFIYGQVLYT DKTYAMGHLI QRKKVHVFGD ELSLVTLFRC IQNMPETLPN NSCYSAGIAK LEEGDELQLA IPRENAQISL DGDVTFFGAL KLL

包装清单:

产品编号	产品名称	包装
P5336-5 μ g	Recombinant Human BAFF/TNFSF13B	5 μ g
P5336-100 μ g	Recombinant Human BAFF/TNFSF13B	100 μ g
P5336-500 μ g	Recombinant Human BAFF/TNFSF13B	500 μ g
—	说明书	1份

保存条件:

-20°C或更低温度保存,至少一年有效。由于蛋白的每次冻融均会引起部分失活,所以首次配制成相应浓度的储存液后(请根据产品简介中Reconstitution一栏的信息配制储存液),须分装后-20°C或更低温度冻存,以避免反复冻融。

注意事项:

- 由于有些塑料管壁对某些蛋白有较强的吸附作用,溶液中的蛋白很容易粘附在管壁上,并且粘附后的蛋白很难与管壁分离。而载体蛋白(Carrier protein,如0.1% BSA等)的主要作用是预先封闭塑料管壁上的蛋白结合位点,使细胞因子或重组蛋白不会粘附于管壁。所以一定要使用产品简介中Reconstitution一栏的信息配制储存液。
- 本产品仅限于专业人员的科学研究用,不得用于临床诊断或治疗,不得用于食品或药品,不得存放于普通住宅内。
- 为了您的安全和健康,请穿实验服并戴一次性手套操作。

使用说明:

1. 收到产品后请立即按照说明书推荐的条件保存。除非特别注明,碧云天相关产品均为冻干粉,由于微量的蛋白在冻干过程中沉积在管内,形成很薄或不可见的蛋白层,所以在打开管盖前,我们建议在离心机中约8,000-12,000g离心10-30秒,使附着在管盖或管壁上的蛋白聚集于管底。
2. 请根据实验目的并按照产品简介中Reconstitution一栏中的信息配制储存液。大多数细胞因子或重组蛋白的冻干粉是非常容易溶解的,一般用移液枪的枪头轻吹几下或者轻轻摇晃瓶子,即可使细胞因子或重组蛋白完全溶解。请勿用vortex剧烈振荡,以免蛋白变性而失活。
3. 具体的最佳工作浓度请自行参考相关文献,或者根据实验目的,以及特定细胞和动物,通过实验进行摸索和优化。

Version 2024.01.10