

Recombinant Human BAFF Protein, His tag

产品信息

产品名称	产品编号	规格
Recombinant Human BAFF Protein, His tag	90604ES10	10 µg
	90604ES60	100 µg
	90604ES76	500 µg

产品简介

The human BAFF protein, or B-cell activating factor, is a crucial cytokine that plays a significant role in regulating the immune system and promoting B-cell survival and maturation. BAFF is primarily produced by immune cells, including monocytes, macrophages, and dendritic cells. It binds to specific receptors on B cells, allowing their development and preventing apoptosis (cell death). BAFF also influences the production of antibodies and helps regulate the balance of different B-cell subsets.

性能参数

Synonyms	BLyS, CD257, TNFSF13B, TNFSF20, TALL-1, BLyS, THANK, BAFFB-cell activating factor, ZTNF4
Uniprot No.	Q9Y275
Source	HEK293 cells-derived human BAFF protein, Ala134-Leu285, with N-terminal His tag.
Molecular Weight	Approximately 18.12 kDa.
Purity	> 90% as determined by SDS-PAGE.
Biological Activity	Human BCMA, His tag immobilized on CM5 chip can bind BAFF, His tag, with an affinity constant of 1.55×10^{-9} M as determined in a SPR assay (Biacore 8K).
Endotoxin	< 0.1 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS.
Reconstitution	Centrifuge tubes before opening. Dissolve lyophilized protein with PBS. Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.

产品数据

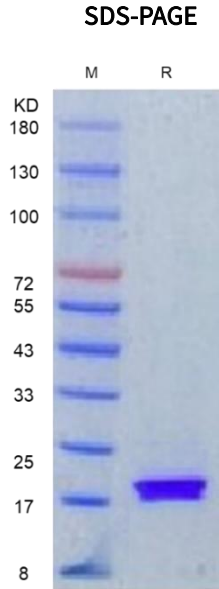


Figure 1. Human BAFF on SDS-PAGE under reduced condition. The purity is greater than 90%.

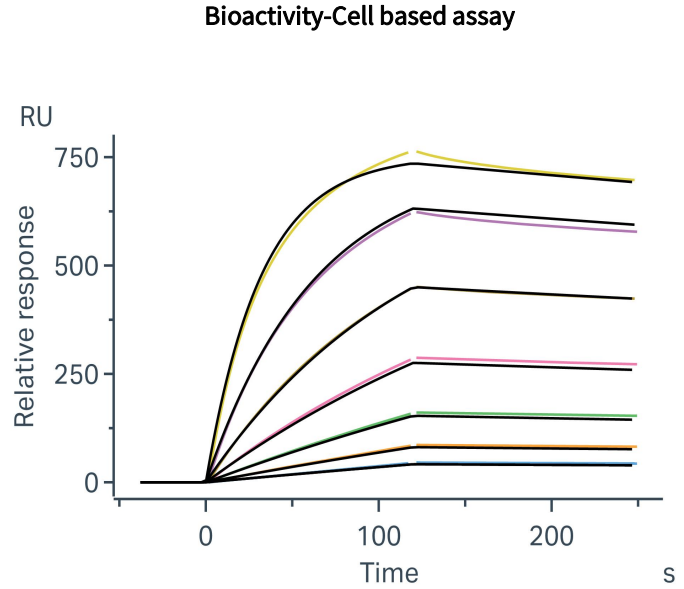


Figure 2. Human BCMA, His tag immobilized on CM5 chip can bind BAFF, His tag, with an affinity constant of 1.55×10^{-9} M as determined in a SPR assay (Biacore 8K).