BAFF/TNFSF13B Protein, Cynomolgus (HEK293, His-Avi)

Cat. No.:	HY-P77571
Synonyms:	BAFF; BLyS; CD257; TNFSF13B; TNFSF20; DTL; TALL1; TALL-1delta BAFF; TALL1Delta4 BAFF; THANK; ZTNF4; TALL-1
Species:	Cynomolgus
Source:	HEK293
Accession:	A0A2K5V2X4 (T141-L285)
Gene ID:	102123214
Molecular Weight:	55-60 kDa

PROPERTIES

Biological Activity	Immobilized Cynomolgus BAFF Trimer, His Tag at 1μg/ml (100μl/Well) on the plate. Dose response curve for Human BAFFR, hFc Tag with the EC_{50} of 0.53μg/ml determined by ELISA.
Appearance	Solution.
Formulation	Supplied as a 0.22 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	The BAFF/TNFSF13B protein belongs to the tumor necrosis factor (TNF) family, a group of cytokines involved in regulating immune responses and cell survival. BAFF/TNFSF13B, also known as B-cell activating factor, plays a crucial role in B-cell development, activation, and survival. It binds to its receptors, including BAFF receptor (BAFF-R), and promotes B-cell proliferation, antibody production, and the maintenance of mature B cells. BAFF/TNFSF13B is particularly important in the development and function of the immune system, as it helps to regulate B-cell homeostasis and immune tolerance. Dysregulation of BAFF/TNFSF13B signaling has been implicated in various autoimmune diseases and B-cell malignancies. Understanding the role of BAFF/TNFSF13B in normal physiology and disease pathology can provide valuable insights into potential therapeutic approaches for conditions involving B-cell dysfunction or dysregulation.

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

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