BAFF/TNFSF13B Protein, Mouse (Biotinylated)

Cat. No.:	HY-P78792
Synonyms:	TNFSF13B; BAFF; BLYS; CD257; DTL; TALL1; THANK; TNFSF20; ZTNF4; TALL-1
Species:	Mouse
Source:	HEK293
Accession:	Q9WU72 (A127-L309)
Gene ID:	24099
Molecular Weight:	20-25 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.22 μm filtered solution of PBS, pH 7.4. Normally trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. 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	BAFF/TNFSF13B Protein is a cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA, forming a 2 ligands-2 receptors pathway that plays a crucial role in the stimulation of B- and T-cell function, as well as the regulation of humoral immunity. Additionally, BAFF/TNFSF13B interacts with TNFSF13/APRIL, which also binds to the same two receptors. The BAFF/TNFSF13B-BAFFR/BR3 interaction specifically promotes the survival of mature B-cells and enhances the overall B-cell response. Notably, isoform 2 of BAFF/TNFSF13B appears to inhibit the secretion and bioactivity of isoform 1.

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