Recombinant Equine BAFF

Cat. No. BAFF-91E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Equine BAFF was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Equine
Source	Yeast
Description	BAFF (B-cell Activation Factor), also know as Tumor Necrosis Factor Superfamily member 13B (TNFSF13B) is a member of the tumor necrosis factor ligand (TNF) ligand family. Nineteen cytokines have been identified as part of the TNF family on the basis of sequence, functional, and structural similarities. Family members include TNF beta (TNFSF1), TNF alpha (TNFSF2), Lymphotoxin beta (TNFSF3), OX40 Ligand (TNFSF4), CD40 Ligand (TNFSF5), Fas Ligand (TNFSF6), CD27 Ligand (TNFSF7), CD30 Ligand (TNFSF8), 4-1BB Ligand (TNFSF9), TRAIL (TNFSF10), TRANCE/RANKL (TNFSF11), TWEAK (TNFSF12), APRIL(TNFSF13), BAFF (TNFSF13B), LIGHT (TNFSF14), TL1A/VEGI (TNFSF15), and GITR Ligand (TNFSF18). BAFF is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells.
Form	Lyophilized
Molecular Mass	17.0 kDa
AA Sequence	AAQDSEEAVT QDCLQLIADS DTPTIRKGAY TFVPWLLSFK RGKALEEKEN

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	KILVKETGYF FIYGQVLYTD NTFAMGHLIQ RKKVHVFGDE LSLVTLFRCI QNMPETLPNN SCYSAGIAKL EEGDELQLAI PREDAKISRD GDGTFFGALK LL (152)
Applications	The Equine BAFF protein can be used in cell culture, as an BAFF ELISA Standard, and as a Western Blot Control.
Storage	-20 C

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