

Recombinant Chicken Tnfsf13b Protein

Cat. No. Tnfsf13b-20C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant chicken BAFF protein without tag was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Chicken
Source	Yeast
Description	BAFF (B-cell Activation Factor), also known 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.
Molecular Mass	17.0 kDa
AA Sequence	SIVNAEETVLQACLQLIADSKSDIQKDDSSIVPWLLSFKRGTALEEQGNKIVIKETGY FFIYGQVLYTDTTFAMGHLIQRKKAHVFGDDLSTLFRICIQNMPQSYPNNSCYTAGI

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AKLEEGDELQLTIPRRRAKISLDGDGTFFGAVRLL(152)

Applications

The Chicken BAFF endotoxin-free recombinant protein can be used in cell culture, as an ELISA Standard, and as a Western Blot Control.

GENE INFORMATION

Gene Name TNFSF13B tumor necrosis factor superfamily member 13b [Gallus gallus (chicken)]

Official Symbol Tnfsf13b

Synonyms TNFSF13B; tumor necrosis factor superfamily member 13b; tumor necrosis factor ligand superfamily member 13B; B-cell-activating factor BAFF; TNF superfamily member 13b; tumor necrosis factor (ligand) superfamily, member 13b

Gene ID 374229

mRNA Refseq NM_204327

Protein Refseq NP_989658

UniProt ID Q8JHJ4

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