

## BAFF/TNFSF13B Protein, Rhesus Macaque (HEK293, Fc)

Cat. No.:	HY-P72442
Synonyms:	TNF superfamily member 13b; TNFSF13B; TNLG7A
Species:	Rhesus Macaque
Source:	HEK293
Accession:	F7HHH0 (A134-L285)
Gene ID:	693917
Molecular Weight:	45-55 kDa

### PROPERTIES

AA Sequence	<pre> A I Q G A E E T V I   Q D C L Q L I A D S   E T P T I Q K G S Y   T F V P W L L S F K R G S A L E E K E N   K I L V K E T G Y F   F I Y G Q V L Y T D   K T Y A M G H L I Q R K K V H V F G D E   L S L V T L F R C I   Q N M P E T L P N N   S C Y S A G I A K L E E G D E L Q L A I   P R E N A Q I S L D   G D V T F F G A L K   L L           </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. 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	<p>CD53, a member of the tetraspanin (TM4SF) family, is a transmembrane protein involved in various cellular processes. As a part of the larger tetraspanin superfamily, CD53 plays a crucial role in mediating cell adhesion, migration, and signaling events. This family is characterized by proteins with four transmembrane domains, contributing to the formation of multimolecular complexes on the cell surface known as tetraspanin-enriched microdomains (TEMs). CD53, like other tetraspanins, is known to interact with partner proteins, including integrins and other tetraspanins, influencing cellular functions such as immune responses, cell adhesion, and signal transduction. The diverse functions of CD53 underscore the importance of tetraspanins in modulating cellular behavior and their potential as therapeutic targets in various physiological and pathological contexts.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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