

TNFRSF13B Protein, Human (HEK293, Fc)

Cat. No.:	HY-P72458
Synonyms:	Tumor necrosis factor receptor superfamily member 13B; TACI; CD267; Tnfrsf13b
Species:	Human
Source:	HEK293
Accession:	O14836 (S2T166)
Gene ID:	23495
Molecular Weight:	50-54 kDa

PROPERTIES

AA Sequence	S G L G R S R R G G R S R V D Q E E R F P Q G L W T G V A M R S C P E E Q Y W D P L L G T C M S C K T I C N H Q S Q R T C A A F C R S L S C R K E Q G K F Y D H L L R D C I S C A S I C G Q H P K Q C A Y F C E N K L R S P V N L P P E L R R Q R S G E V E N N S D N S G R Y Q G L E H R G S E A S P A L P G L K L S A D Q V A L V Y S T
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 ₂ 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	TNFRSF13B Protein serves as the receptor for TNFSF13/APRIL and TNFSF13B/TALL1/BAFF/BLYS, demonstrating high-affinity binding to both ligands. Its activation results in calcineurin-dependent activation of NF-AT, along with the activation of NF-kappa-B and AP-1, thereby playing a crucial role in stimulating B- and T-cell function and regulating humoral immunity. Additionally, TNFRSF13B binds TRAF2, TRAF5, and TRAF6, suggesting its involvement in various signaling pathways. Notably, it interacts with the NH2-terminal domain of CAMLG using its C-terminus.
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Caution: Product has not been fully validated for medical applications. For research use only.

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