

TNFRSF13B Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P72457
Synonyms:	Tumor necrosis factor receptor superfamily member 13B; TAC1; CD267; Tnfrsf13b
Species:	Mouse
Source:	HEK293
Accession:	Q9ET35 (F5-T129)
Gene ID:	57916
Molecular Weight:	40-45 kDa

PROPERTIES

AA Sequence	<p>F C P K D Q Y W D S S R K S C V S C A L T C S Q R S Q R T C T D F C K F I N C R</p> <p>K E Q G R Y Y D H L L G A C V S C D S T C T Q H P Q Q C A H F C E K R P R S Q A</p> <p>N L Q P E L G R P Q A G E V E V R S D N S G R H Q G S E H G P G L R L S S D Q L</p> <p>T L Y C T</p>
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	<p>The TNFRSF13B protein functions as a receptor for TNFSF13/APRIL and TNFSF13B/TALL1/BAFF/BLYS, exhibiting high-affinity binding to both ligands. It mediates calcineurin-dependent activation of NF-AT, along with the activation of NF-kappa-B and AP-1, contributing to the stimulation of B- and T-cell function and the regulation of humoral immunity. TNFRSF13B forms associations with TRAF2, TRAF5, and TRAF6, indicating its involvement in signaling pathways. Moreover, it interacts with the NH2-terminal domain of CAMLG through its C-terminus, suggesting a role in diverse cellular processes.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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