TNFRH3/TNFRSF26 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P77500
Synonyms:	Tumor necrosis factor receptor superfamily member 26; TNF receptor homolog 3; Tnfrh3
Species:	Mouse
Source:	HEK293
Accession:	P83626/NP_783580.1 (S20-K162)
Gene ID:	244237
Molecular Weight:	Approximately 45-50 kDa.

PROPERTIES

AA Sequence	S V N T I T L C K I G E F K H E N L C C L Q C S A G T Y L R N P C Q E N H N K S E C A P C D S E H F I D H K N R E S E C F P C S V C R D D Q E E V A K C S R T A D R V C Q C K Q G T Y C D S E N C L E R C H T C S S C P D G R V V R K C N A T M D T V C D K F D S E P G Q S G S Q C F C F S K
Biological Activity	Immobilized Recombinant Mouse TNFRH3 at 2μg/mL (100 μL/well) can bind Recombinant Mouse TRAIL/TNFSF10. The ED_{50} for this effect is 248.6 ng/mL.
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.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. 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	The TNFRH3/TNFRSF26 protein, a member of the tumor necrosis factor receptor superfamily, is expressed in key immune organs, including the thymus and spleen. This receptor, is also detectable at notable levels in the lung. As part of the tumor necrosis factor receptor family, TNFRH3 likely plays a role in mediating immune responses and cellular processes associated with inflammation. The specific expression pattern in immune-related organs and the presence in the lung indicate its potential involvement in immune regulation and surveillance, underscoring its significance in maintaining immune

homeostasis and responding to external stimuli. Further exploration of TNFRH3's functions could shed light on its precise role in immune modulation and potential implications for health and disease.

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