

TREML2 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P71383
Synonyms:	Trem-like transcript 2 protein; TLT2; Triggering receptor expressed on myeloid cells-like protein 2; TLT2; C6orf76;
Species:	Human
Source:	HEK293
Accession:	Q5T2D2 (G19-S268)
Gene ID:	79865
Molecular Weight:	80-110 kDa

PROPERTIES

AA Sequence	<p> G P S A D S V Y T K V R L L E G E T L S V Q C S Y K G Y K N R V E G K V W C K I R K K K C E P G F A R V W V K G P R Y L L Q D D A Q A K V V N I T M V A L K L Q D S G R Y W C M R N T S G I L Y P L M G F Q L D V S P A P Q T E R N I P F T H L D N I L K S G T V T T G Q A P T S G P D A P F T T G V M V F T P G L I T L P R L L A S T R P A S K T G Y S F T A T S T T S Q G P R R T M G S Q T V T A S P S N A R D S S A G P E S I S T K S G D L S T R S P T T G L C L T S R S L L N R L P S M P S I R H Q D V Y S </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	The TREML2 protein functions as a cell surface receptor with potential involvement in both innate and adaptive immune responses. Serving as a counter-receptor for CD276, TREML2 establishes an interaction with CD276 on T-cells, leading to the enhancement of T-cell activation. The intricate interplay between TREML2 and CD276 underscores the protein's role as a modulator of immune responses, suggesting its significance in regulating T-cell activation during immune reactions.
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Caution: Product has not been fully validated for medical applications. For research use only.

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