

TL1A/TNFSF15 Protein, Human (180a.a, HEK293, His)

Cat. No.:	HY-P701048
Synonyms:	TL1A; VEGI-251; TNFSF15; TL1; VEGI; VEGI192A
Species:	Human
Source:	HEK293
Accession:	O95150-1 (L72-L251)
Gene ID:	/
Molecular Weight:	25-35 kDa

PROPERTIES

Biological Activity	Immobilized Human TNFSF15, His Tag at 1 µg/mL (100 µl/well) on the plate. Dose response curve for Anti-TNFSF15 Antibody, hFc Tag with the EC ₅₀ of ≤21.8 ng/mL determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of 20mM 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	TL1A/TNFSF15 Protein acts as the receptor for TNFRSF25 and TNFRSF6B, facilitating the activation of NF-kappa-B and promoting the activation of caspases, leading to apoptosis. Additionally, it exhibits inhibitory effects on vascular endothelial growth and angiogenesis in vitro. The protein functions as a homotrimer, underscoring its role in diverse cellular processes, including immune response and apoptosis regulation.
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Caution: Product has not been fully validated for medical applications. For research use only.

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