

TL1A/TNFSF15 Protein, Mouse (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P701046
Synonyms:	TL1A; VEGI-251; TNFSF15; TL1; VEGI; VEGI192A
Species:	Mouse
Source:	HEK293
Accession:	Q5UBV8 (A61-L252)
Gene ID:	326623
Molecular Weight:	28-38 kDa

PROPERTIES

Biological Activity	Immobilized Mouse DR3, His Tag at 1 µg/mL(100 µl/well) on the plate. Dose response curve for Biotinylated Mouse TNFSF15, His Tag with the EC ₅₀ of ≤16.8 ng/mL determined by ELISA.
Appearance	Lyophilized powder
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
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.
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 TL1A/TNFSF15 protein serves as the receptor for TNFRSF25 and TNFRSF6B, playing a crucial role in mediating the activation of NF-kappa-B signaling. Beyond its involvement in apoptosis by promoting the activation of caspases, TL1A/TNFSF15 exhibits anti-angiogenic properties, inhibiting vascular endothelial growth and angiogenesis in vitro. Furthermore, the protein contributes to splenocyte alloactivation, underscoring its significance in immune responses. TL1A/TNFSF15 functions as a homotrimer, reflecting its structural arrangement in these cellular processes.
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA