

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

Cat. No.:	HY-P700839
Synonyms:	TL1A; VEGI-251; TNFSF15; TL1; VEGI; VEGI192A
Species:	Mouse
Source:	HEK293
Accession:	Q5UBV8 (A61-L252)
Gene ID:	326623
Molecular Weight:	30-38 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/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.

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