

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

Cat. No.:	HY-P702569
Synonyms:	MGC129934; MGC129935; TL1 A; tl1; tl1a; tnf ligand related molecule 1; TNF ligand-related molecule 1; tnf superfamily ligand tl1a; TNF15_HUMAN; TNFSF15; Tumor necrosis factor ligand; superfamily member 15; Tumor necrosis factor ligand superfamily member 15; Tumor necrosis factor ligand superfamily member 15, secreted form;
Species:	Human
Source:	HEK293
Accession:	O95150 (L72-L251)
Gene ID:	9966
Molecular Weight:	Approximately 33 kDa

PROPERTIES

Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human TNFSF15 at 2 μ g/mL on streptavidin coated plates can bind Anti-TNFSF15 antibody. The EC ₅₀ is 6.016-13.46 ng/mL.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, 6% Trehalose, pH 7.4.
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	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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