

TL1A/TNFSF15 Protein, Human (O95150-2, HEK293, His)

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| Cat. No.: | HY-P71981 |
| 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; Vascular endothelial cell growth inhibitor; Vascular endothelial growth inhibitor 192a; Vascular endothelial growth inhibitor; vegi; VEGI192A |
| Species: | Human |
| Source: | HEK293 |
| Accession: | O95150-2 (M1-L192) |
| Gene ID: | 9966 |
| Molecular Weight: | Approximately 33 kDa |

PROPERTIES

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| AA Sequence | <p> M Q L T K G R L H F S H P L S H T K H I S P F V T D A P L R A D G D K P R A H L T V V R Q T P T Q H F K N Q F P A L H W E H E L G L A F T K N R M N Y T N K F L L I P E S G D Y F I Y S Q V T F R G M T S E C S E I R Q A G R P N K P D S I T V V I T K V T D S Y P E P T Q L L M G T K S V C E V G S N W F Q P I Y L G A M F S L Q E G D K L M V N V S D I S L V D Y T K E D K T F F G A F L L </p> |
| Biological Activity | Measured by its binding ability in a functional ELISA. Immobilized Human TNFSF15 at 2 µg/mL can bind Anti-TNFSF15 recombinant antibody. The EC ₅₀ is 13.70-18.95 ng/mL. |
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.22 µm filtered solution of PBS, 6% Trehalose, 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. |
| 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

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| 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 |
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growth and angiogenesis in vitro. The protein functions as a homotrimer, underscoring its role in diverse cellular processes, including immune response and apoptosis regulation.

Caution: Product has not been fully validated for medical applications. For research use only.

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