

OX40 Ligand/TNFSF4 Protein, Cynomolgus (HEK293, Fc)

Cat. No.:	HY-P77457
Synonyms:	CD134L; CD252; Glycoprotein Gp34; OX40 antigen ligand; OX40L; TXGP1
Species:	Cynomolgus
Source:	HEK293
Accession:	F7FL80 (Q51-L183)
Gene ID:	706255
Molecular Weight:	Approximately 48 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants 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 OX40 Ligand/TNFSF4 Protein is a significant member of the tumor necrosis factor family, indicating its essential role in regulating immune responses and inflammatory processes. As part of this family, OX40 Ligand/TNFSF4 likely shares conserved structural and functional features with related proteins, emphasizing its involvement in signaling pathways associated with immune modulation. The classification within the tumor necrosis factor family underscores its specific designation within the broader context of cytokines, providing insights into its unique contributions to T cell activation and co-stimulation. The study of OX40 Ligand/TNFSF4 contributes to our understanding of its role in immune homeostasis, offering potential applications in immunotherapy and autoimmune disease management. Further exploration of OX40 Ligand/TNFSF4's role holds promise for enhancing our knowledge of its contributions to both normal immune function and pathological conditions.
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REFERENCES

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

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