OX40 Ligand/TNFSF4 Protein, Rabbit (P. pastoris, His-Myc)

Cat. No.:	HY-P700501
Synonyms:	Tumor necrosis factor ligand superfamily member 4; Glycoprotein Gp34; OX40 ligand; OX40L; TAX transcriptionally-activated glycoprotein 1; TNFSF4; CD252; TXGP1
Species:	Rabbit
Source:	P. pastoris
Accession:	O02765 (Q45-P187)
Gene ID:	100008595
Molecular Weight:	19.8 kDa

PROPERTIES

AA Sequence	Q H S H A P E V S L Q Y P P I E N I M T Q L Q I L T S H E C E E D S F I L P L Q K R D G T M E V Q N N S V V I Q C D G F Y L L S L K G Y F S Q E V S I S L H Y R K G E E P F P I L K K T K F A N S N V V L K L G Y K D K V Y L N V T T D S A S C K Q L S V N A G E L I V I L Q N P G G Y C A P
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
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, a cytokine, binds specifically to TNFRSF4, exerting its role as a potent co-stimulator for T-cell proliferation and cytokine production. Operating as a homotrimer, its interaction with TNFRSF4 plays a pivotal role in enhancing the immune response by promoting the activation and expansion of T-cells. Through this engagement, OX40 Ligand contributes to the intricate regulation of T-cell-mediated immune responses, serving as a key mediator in modulating T-cell functions for effective and controlled immune activation.

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

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