CD30/TNFRSF8 Protein, Human (HEK293, N-His, C-Myc)

Cat. No.:	HY-P700433
Synonyms:	rHuTumor necrosis factor receptor superfamily member 8/CD30, His; Tumor necrosis factor receptor superfamily member 8; CD30L receptor; Ki-1 antigen; Lymphocyte activation antigen CD30; CD30; TNFRSF8
Species:	Human
Source:	HEK293
Accession:	P28908 (F19-K379)
Gene ID:	943
Molecular Weight:	43.5 kDa

PROPERTIES

AA Sequence	F P Q D R P F E D T C H G N P S H Y Y D K A V R R C C Y R C P M G L F P T Q Q C P Q R P T D C R K Q C E P D Y Y L D E A D R C T A C V T C S R D D L V E K T P C A W N S S R V C E C R P G M F C S T S A V N S C A R C F F H S V C P A G M I V K F P G T A Q K N T V C E P A S P G V S P A C A S P E N C K E P S S G T I P Q A K P T P V S P A T S S A S T M P V R G G T R L A Q E A A S K L T R A P D S P S S V G R P S S D P G L S P T Q P C P E G S G D C R K Q C E P D Y Y L D E A G R C T A C V S C S R D D L V E K T P C A W N S S R T C E C R P G M I C A T S A T N S C A R C V P Y P I C A A E T V T K P Q D M A E K D T T F E A P P L G T Q P D C N P T P E N G E A P A S T S P T Q S L L V D S Q A S K T L P I P T S A P V A L S S T G K
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 0.5 M NaCl, 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	CD30/TNFRSF8, a receptor for TNFSF8/CD30L, is implicated in the regulation of cellular growth and the transformation of activated lymphoblasts. This receptor plays a role in modulating gene expression by activating NF-kappa-B, a key transcription factor associated with diverse cellular processes. The interaction of CD30/TNFRSF8 with signaling adapters

such as TRAF1, TRAF2, TRAF3, and TRAF5 underscores its involvement in intricate cellular signaling networks. This receptor's engagement with TNFSF8 suggests its potential impact on immune responses and cellular homeostasis, highlighting its significance in the regulation of fundamental biological processes.

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