

## CD30/TNFRSF8 Protein, Human (HEK293, His)

<b>Cat. No.:</b>	HY-P70023
<b>Synonyms:</b>	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
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	P28908 (F19-K379)
<b>Gene ID:</b>	943
<b>Molecular Weight:</b>	60-95 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> 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 </pre>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, pH 7.5.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	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.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	CD30/TNFRSF8, a receptor for TNFSF8/CD30L, is implicated in the regulation of cellular growth and the transformation of
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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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**Caution: Product has not been fully validated for medical applications. For research use only.**

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