

## CD30/TNFRSF8 Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P72354
Synonyms:	CD30L receptor; Ki-1 antigen; Lymphocyte activation antigen CD30; TNFRSF8
Species:	Human
Source:	HEK293
Accession:	P28908 (F19-K379)
Gene ID:	943
Molecular Weight:	60-90 kDa

### PROPERTIES

AA Sequence	<pre> FPQDRPFEDT   CHGNPSHYDYD   KAVRRCCYRC   PMGLFPTQQC PQRPTDCRKQ   CEPDY YLDEA   DRCTACVTCS   RDDLVEKTPC AWNSSRVCEC   RPGMFCSTSA   VNSCARCF FH   SVC PAGMIVK FPGTAQKNTV   CEPASPGVSP   ACASPENCKE   PSSGTIPQAK PTPVS PATSS   ASTMPVRGGT   RLAQEAASKL   TRAPDSPSSV GRPSSDPGLS   PTQPCPEGSG   DCRKQCEPDY   YLDEAGRCTA CVSCSRDDL V   EKTPCA WNSS   RTCECRPGMI   CATSATNSCA RCVPYPICAA   ETVTKPQDMA   EKDTTFEAPP   LGTQPDCNPT PENGEAPAST   SPTQSLLVDS   QASKTLPIPT   SAPVALSSTG K </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH7.4.
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 <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).
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
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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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