

CD40 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P72725
Synonyms:	Tumor necrosis factor receptor superfamily member 5; Bp50; CD40; TNFRSF5
Species:	Cynomolgus
Source:	HEK293
Accession:	G7PG38 (E21-R193)
Gene ID:	102118696
Molecular Weight:	28-30 kDa

PROPERTIES

AA Sequence	<pre> E P P T A C R E K Q Y L I N S Q C C S L C Q P G Q K L V S D C T E F T E T E C L P C S E S E F L D T W N R E T R C H Q H K Y C D P N L G L Q V Q Q K G T S E T D T I C T C E E G L H C T S E S C E S C V P H R S C L P G F G V K Q I A T G V S D T I C E P C P V G F F S N V S S A F E K C R P W T S C E T K D L V V Q Q A G T N K T D V V C G P Q D R Q R </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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 ₂ 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	CD40, a crucial member of the TNFR superfamily, is characterized by the absence of conserved residue(s) necessary for the propagation of feature annotation. This distinctive feature suggests unique structural attributes in CD40, potentially influencing its functional interactions within the TNFR superfamily. The lack of these conserved residues underscores the specific nature of CD40 and emphasizes the importance of further exploration to unravel its distinct roles and regulatory mechanisms in cellular signaling pathways.
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Caution: Product has not been fully validated for medical applications. For research use only.

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