

## CD28 Protein, Human/Cynomolgus (Biotinylated, HEK 293, Fc-Avi)

<b>Cat. No.:</b>	HY-P72353
<b>Synonyms:</b>	CD28; CD28 antigen; CD28 molecule; T-cell-specific surface glycoprotein CD28; Tp44; TP44
<b>Species:</b>	Human;Cynomolgus
<b>Source:</b>	HEK293
<b>Accession:</b>	P10747 (N19-P152)
<b>Gene ID:</b>	940
<b>Molecular Weight:</b>	60-90 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>N K I L V K Q S P M      L V A Y D N A V N L      S C K Y S Y N L F S      R E F R A S L H K G</p> <p>L D S A V E V C V V      Y G N Y S Q Q L Q V      Y S K T G F N C D G      K L G N E S V T F Y</p> <p>L Q N L Y V N Q T D      I Y F C K I E V M Y      P P P Y L D N E K S      N G T I I H V K G K</p> <p>H L C P S P L F P G      P S K P</p>
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. 2 µg/mL (100 µL/well) of immobilized Anti-CD28 mAb can bind biotinylated CD28, Human/Cynomolgus (HEK 293, Fc-Avi) with an ED50 value of 0.84 ng/mL.
<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 8.0.
<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.
<b>Storage &amp; Stability</b>	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. 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.

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

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