

## CD6 Protein, Rat (HEK293, His)

<b>Cat. No.:</b>	HY-P72924
<b>Synonyms:</b>	T-cell differentiation antigen CD6; T12; TP120; CD6
<b>Species:</b>	Rat
<b>Source:</b>	HEK293
<b>Accession:</b>	Q812A4 (L18-N396)
<b>Gene ID:</b>	25752
<b>Molecular Weight:</b>	Approximately 60-90 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>           L P P P A P S D Q      H R N G S I P N M S      S D P E E Q L G I R      L V N G S S R C S G            F V Q V L L E S W E      P V C A G H W N R A      A T E A A C N A L G      C G D L G N F T H L            A P P T S E R P P G      A T S R N T S S S R      N T T W A G A P T V      R C H G A N W Q L C            K V E D Y E C S S D      R R L V W V T C A E      N Q A V R L V D G G      S R C A G R V E M L            Q H G E W G T V C D      D T W D L D D A N V      V C K Q L K C G W A      V K A L A G L H F T            P G Q G P I H R D Q      V N C S G T E A Y L      W D C P G R P G D Q      Y C G H K E D A G V            V C S E H Q S W R L      T G G V D S C E G Q      V E V Y F R G V W S      T V C D S E W Y P S            E A K V L C Q S L G      C G S E V D R P K G      L P H S L A G R M Y      Y S C K G E E L T L            S T C S W R F N N S      N L C S Q S L A A R      V V C S G S Q R H P      N L S T S E V P S R            V P V T I E S S V P      V S V K D K D S Q N         </p>
<b>Biological Activity</b>	<p>           Measured by the ability of the immobilized protein to support the adhesion of Jurkat human acute T cell leukemia cells. When <math>8 \times 10^4</math> cells/well are added to rat CD6-His coated plates (5 <math>\mu\text{g}/\text{mL}</math> and 100 <math>\mu\text{L}/\text{well}</math>) in the presence of 10 <math>\mu\text{g}/\text{mL}</math> PHA, 72.012% cells adhered specifically after 60 minutes at 37°C.         </p>
<b>Appearance</b>	Lyophilized powder
<b>Formulation</b>	Lyophilized from a 0.2 $\mu\text{m}$ filtered solution of PBS, pH 7.4.
<b>Endotoxin Level</b>	<1 EU/ $\mu\text{g}$ , determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 $\mu\text{g}/\text{mL}$ in ddH <sub>2</sub> O.
<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

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**Background**

CD6 lacks conserved residue(s) essential for the propagation of feature annotation.

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

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