

CD5 Protein, Rhesus Macaque (HEK293, His)

Cat. No.:	HY-P77618A
Synonyms:	CD5 molecule; CD5; LEU1; T1; CD5 antigen
Species:	Rhesus Macaque
Source:	HEK293
Accession:	F6V5Q9 (R25-P375)
Gene ID:	/
Molecular Weight:	approximately 41.81 kDa

PROPERTIES

AA Sequence	<pre> R L S W D D P D F Q T R L T R S N S R C Q G Q L E V Y I K Y G W H M V C S Q S W G R S S N Q W E D P N Q A S K V C Q R L N C G V P L S L G P F L I T D R H Q S Q I T C Y G R L G S F S N C S H S G R D V C R P L G L T C L E P Q T T T P P P T R P P P T T T P E P T A P P R L Q L V A Q A A G R H C A G V V E F Y S G S L G G T I S Y E A Q D K A Q D K T Q V L E N F L C S S L Q C G S F L K H L P E T E A A T A Q D P G E L R E H Q P L P I Q W T I R N S S C T S L E H C F Q K I K P R N S G Q V L A L L C S G F Q P K V Q S R L V G S S I C E G T V E V R Q G A Q W A A L C D S S S A K S S L R W E E V C R E Q Q C G S F N S Y Q A L D A G D P T S R G L S C P H Q K L S Q C H E L T E R K S Y C K K V F V T C Q D P N P </pre>
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Zymosan at 200 µg/mL (100 µL/well) can bind Biotinylated CD5. The ED ₅₀ for this effect is 1.68 µg/mL, corresponding to a specific activity is 595.24 Unit/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 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

The CD5 protein is distinguished by its deficiency in conserved residue(s) crucial for the propagation of feature annotation.

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

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