

## CD7 Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P78414
Synonyms:	CD7 molecule; CD7; LEU-9; Tp40; TP41; GP40
Species:	Human
Source:	HEK293
Accession:	P09564 (A26-P180)
Gene ID:	924
Molecular Weight:	34-48 kDa

### PROPERTIES

Biological Activity	Immobilized Human CD7, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CD7 Antibody, hFc Tag with the EC <sub>50</sub> 8.4ng/ml determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
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.
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	CD7 Protein, although its precise function remains elusive, is identified to interact with SECTM1. The nature of this interaction suggests a potential role for CD7 in cellular processes that involve SECTM1, emphasizing the need for further research to unravel the specific functions and molecular pathways in which CD7 is intricately involved. The current lack of detailed information underscores the ongoing exploration required to elucidate the functional significance of CD7 and its interplay with SECTM1 in cellular contexts.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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