

CD3 epsilon Protein, Human (HEK293, His)

Cat. No.:	HY-P70506
Synonyms:	T-Cell Surface Glycoprotein CD3 Epsilon Chain; T-Cell Surface Antigen T3/Leu-4 Epsilon Chain; CD3e; CD3E; T3E
Species:	Human
Source:	HEK293
Accession:	P07766 (D23-D126)
Gene ID:	916
Molecular Weight:	Approximately 18.0 kDa

PROPERTIES

AA Sequence	D G N E E M G G I T Q T P Y K V S I S G T T V I L T C P Q Y P G S E I L W Q H N D K N I G G D E D D K N I G S D E D H L S L K E F S E L E Q S G Y Y V C Y P R G S K P E D A N F Y L Y L R A R V C E N C M E M D
Biological Activity	10 µg/mL (100 µL/well) of immobilized Human CD3E-His can bind Human Anti-CD3 with an ED ₅₀ value of 3-15 ng/mL.
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.

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

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