

Active Recombinant Human CD3E protein, His-tagged

Cat. No. CD3E-2194H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD3E protein(P07766)(Asp23-Asp126) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	23-126 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, 8% trehalose (pH 7.4).
Bio-activity	Immobilized Human CD3E, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-CD3 Antibody, hFc Tag with the EC50 of 9.0 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 12.6 kDa. Due to glycosylation, the protein migrates to 14-18 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution	Dissolve the lyophilized protein in distilled water.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_000724.1
Unit ID	P07766
Unit ID-Weblink	http://www.uniprot.org/uniprot/P07766

GENE INFORMATION

Gene Name	CD3E CD3e molecule, epsilon (CD3-TCR complex) [Homo sapiens]
Official Symbol	CD3E
Synonyms	CD3E; CD3e molecule, epsilon (CD3-TCR complex); CD3e antigen, epsilon polypeptide (TiT3 complex); T-cell surface glycoprotein CD3 epsilon chain; CD3-epsilon; T-cell surface antigen T3/Leu-4 epsilon chain; T-cell antigen receptor complex, epsilon subunit of T3; T3E; TCRE; FLJ18683;
Gene ID	916
mRNA Refseq	NM_000733
protein Refseq	NP_000724

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