

Recombinant Human CD3E protein, His-tagged, Alexa Fluor 488-Labelled

Cat. No. CD3E-213HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488-Labelled Recombinant Human CD3E protein(P07766)(Asp23-Asp126) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	Asp23-Asp126
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Storage	-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Bio-activity	Immobilized Alexa Fluor 488-Labeled Human CD3 epsilon Protein, His Tag at 1 µg/mL (100 µL/well) can bind Monoclonal Anti-Human CD3 Antibody, Mouse IgG1 (SP34-2) with a linear range of 0.2-8 ng/mL.
Molecular Mass	It has a calculated MW of 16.9 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Conjugation Alexa Fluor 488

GENE INFORMATION

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; TCRC; FLJ18683;

Gene ID [916](#)

mRNA Refseq [NM_000733](#)

Protein Refseq [NP_000724](#)

UniProt ID [P07766](#)

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