

Recombinant Human CD3E(Asp23-Asp126) Protein, C-Fc-Avi-tagged, Biotinylated

Cat. No. CD3E-2192H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD3E(P07766)(Asp23-Asp126) Protein, fused with a Fc, Avi tag at the C-terminus, was produced in HEK293. The purified protein was biotinylated in vitro.
Species	Human
Source	HEK293
ProteinLength	23-126 a.a.
Form	Lyophilized from a 0.2 µm filtered solution of PBS,PH7.4.
Molecular Mass	The recombinant Human CD3E Protein has a predicted molecular mass of 40.5kDa, it migrates with an apparent molecular mass of 45-60kDa under reducing conditions.
AA Sequence	Asp23-Asp126
Endotoxin	< 0.01 EU per µg of the protein as determined by the LAL method.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Characteristic	The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.

Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Conjugation

Biotin

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

UniProt ID

P07766

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