

Recombinant Human CD3D protein, His-tagged

Cat. No. CD3D-2193H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD3D protein(NP_000723.1)(Met1-Ala105), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ala105
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted recombinant human CD3D comprises 95 amino acids with a predicted molecular mass of 11 kDa. As a result of glycosylation, rhCD3D migrates as an approximately 20-23 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CD3D CD3d molecule, delta (CD3-TCR complex) [Homo sapiens]

Official Symbol CD3D

Synonyms

CD3D; CD3d molecule, delta (CD3-TCR complex); CD3d antigen, delta polypeptide (TiT3 complex) , T3D; T-cell surface glycoprotein CD3 delta chain; CD3 delta; OKT3, delta chain; CD3 antigen, delta subunit; T-cell receptor T3 delta chain; CD3d antigen, delta polypeptide (TiT3 complex); T3D; CD3-DELTA;


Gene ID 915

mRNA Refseq NM_000732

Protein Refseq NP_000723

MIM 186790

UniProt ID P04234

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