Recombinant Human CD3D protein, His-tagged, Low Endotoxin

Cat. No. CD3D-015H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD3D protein(P04234-1)(Phe22-Ala105), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-105 aa
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 10.4 kDa. Due to glycosylation, the protein migrates to 17-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 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.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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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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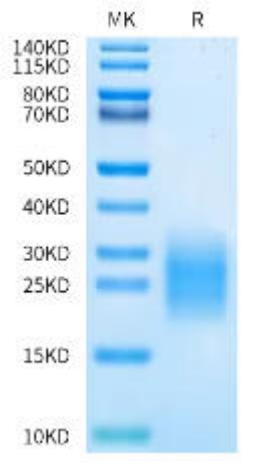
Bis-Tris PAGE	

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