

## Recombinant Human CD3D protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD3D protein(P04234-1)(Phe22-Ala105), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Phe22-Ala105
<b>Tag</b>	C-His
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Molecular Mass</b>	The protein has a predicted MW of 10.4 kDa. Due to glycosylation, the protein migrates to 15 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

<b>Gene Name</b>	CD3D CD3d molecule, delta (CD3-TCR complex) [ Homo sapiens ]
<b>Official Symbol</b>	CD3D
<b>Synonyms</b>	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;
<b>Gene ID</b>	915
<b>mRNA Refseq</b>	NM_000732
<b>Protein Refseq</b>	NP_000723
<b>MIM</b>	186790
<b>UniProt ID</b>	P04234

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