

Recombinant Human DCD protein(Ser63-Val109), hFc-tagged

Cat. No. DCD-665H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCD (NP_444513.1) (Ser63-Val109) was expressed in HEK293 with the Fc region of Human IgG1 at the N-terminus.
Species	Human
Source	HEK293
Protein Length	63-109 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human DCD consists 307 amino acids and predicts a molecular mass of 33.1 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % 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.
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.

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GENE INFORMATION

Gene Name	DCD dermcidin [Homo sapiens]
Official Symbol	DCD
Synonyms	DCD; dermcidin; AIDD; DCD 1; diffusible survival/evasion peptide; DSEP; HCAP; PIF; preproteolysin; proteolysis inducing factor; survival promoting peptide; DCD-1; MGC71930;
Gene ID	117159
mRNA Refseq	NM_053283
Protein Refseq	NP_444513
MIM	606634
UniProt ID	P81605

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