

Active Recombinant Human CD96 protein, His-tagged, Biotinylated

Cat. No. CD96-2181H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Biotinylated Recombinant Human CD96 protein(P40200-2)(Met1-Met503), fused with His tag, was expressed in HEK293.

Species

Human

Source

HEK293

ProteinLength

Met1-Met503

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.

Bio-activity

Immobilized human CD155/PVR (Fc Tag)10109-H02Hat 2 µg/mL (100 µL/well) can bind CD96 (His Tag), Biotinylated, the EC50 of CD96 (His Tag), Biotinylated is 150-800 ng/mL.

Molecular Mass

The recombinant human CD96 consists of 493 amino acids and predicts a molecular mass of 55 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CD96 is approximately 120-130 kDa due to high glycosylation.

Endotoxin

< 1.0 EU per µg protein as determined by the LAL method.

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Purity	> 85 % 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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CD96 CD96 molecule [Homo sapiens]
Official Symbol	CD96
Synonyms	CD96; CD96 molecule; CD96 antigen; T-cell surface protein tactile; TACTILE; cell surface antigen CD96; T cell activation, increased late expression; t cell-activated increased late expression protein; MGC22596; DKFZp667E2122;
Gene ID	10225
mRNA Refseq	NM_005816
Protein Refseq	NP_005807
MIM	606037
UniProt ID	P40200

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