

Active Recombinant Human CD96 Protein, His-Avi-tagged, Biotinylated

Cat. No. CD96-3888H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human CD96, His Tag, Avi Tag is expressed from HEK293 cells. It contains AA Val 22 - Met 503 (Accession # P40200-2). This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag.
Species	Human
Source	HEK293
ProteinLength	22-503 a.a.
Predicted N Terminal	Val 22
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Biotinylated Human CD96, His Tag, Avi Tag at 5 ug/mL (100 uL/well) can bind Human CD155, Fc Tag with a linear range of 39-625 ug/mL.
Molecular Mass	The protein has a calculated MW of 57.3 kDa. The protein migrates as 120-130 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>80% as determined by SDS-PAGE.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

MIM	606037
-----	--------

UniProt ID	P40200
------------	--------

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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