Recombinant Human CD96 protein, His-tagged

Cat. No. CD96-1561H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD96 protein(P40200-2)(Val22-Met503(C110S)), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	C-His
ProteinLength	Val22-Met503(C110S)
Tag	C-His
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Anti-CD96 Antibody, hFc Tag at 2μg/ml (100μl/well) on the plate. Dose response curve for Human CD96 (C110S), His Tag with the EC50 of 28.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 54.63 kDa. Due to glycosylation, the protein migrates to 100-130 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.

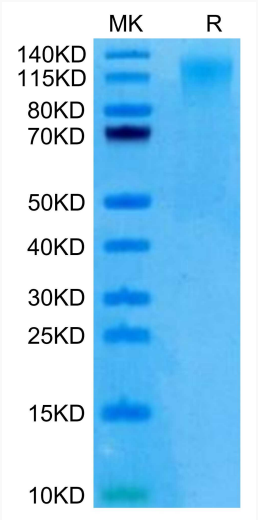
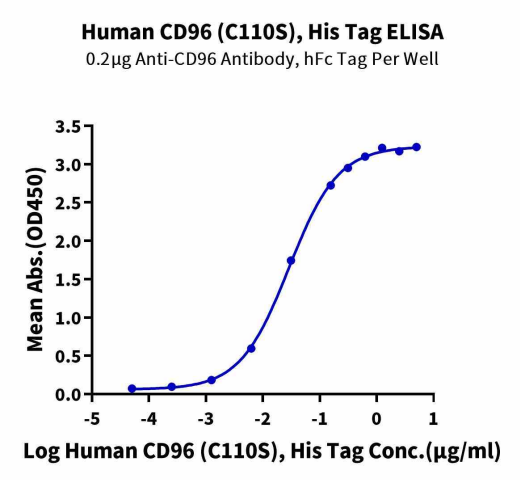
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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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Tris-Bis PAGE	
ELISA	

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