

# Active Recombinant Human CEACAM5 protein, His-Avi-tagged, Biotinylated

Cat. No. CEACAM5-87HB Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CEACAM5 protein(Q8N4D0)(Lys35-Ala685), fused to C-terminal His tag and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Lys35-Ala685
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Biotinylated Human CEACAM-5 at 0.5µg/ml (100µl/well). Dose response curve for Anti-CEACAM Antibody, hFc Tag with the EC50 of 15.1ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 74.2 kDa. Due to glycosylation, the protein migrates to 115-145 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 > 95% as determined by HPLC

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<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 4-8°C for 2-7 days after reconstitution.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended (usually we use 1mg/ml solution for lyophilization). Dissolve the lyophilized protein in distilled water.
<b>Conjugation</b>	Biotin
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CEACAM5 carcinoembryonic antigen-related cell adhesion molecule 5 [ Homo sapiens ]
<b>Official Symbol</b>	CEACAM5
<b>Synonyms</b>	CEACAM5; carcinoembryonic antigen-related cell adhesion molecule 5; CEA; CD66e; meconium antigen 100; DKFZp781M2392;
<b>Gene ID</b>	1048
<b>mRNA Refseq</b>	NM_004363
<b>Protein Refseq</b>	NP_004354
<b>MIM</b>	114890
<b>UniProt ID</b>	P06731

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