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

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CEACAM5 protein(Q8N4D0)(Lys35-Ala685), fused to C-terminal His tag and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Lys35-Ala685
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
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	-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℃ for 2-7 days after reconstitution.
Reconstitution	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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CEACAM5 carcinoembryonic antigen-related cell adhesion molecule 5 [Homo sapiens]
Official Symbol	CEACAM5
Synonyms	CEACAM5; carcinoembryonic antigen-related cell adhesion molecule 5; CEA; CD66e; meconium antigen 100; DKFZp781M2392;
Gene ID	1048
mRNA Refseq	NM_004363
Protein Refseq	NP_004354
MIM	114890
UniProt ID	P06731

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