

Active Recombinant Human CEACAM1 Protein, His-Avi-tagged, Biotinylated

Cat. No. CEACAM1-660H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human CEACAM-1, His Tag is expressed from HEK293 cells. It contains AA Gln 35 - Gly 428 (Accession # P13688). This protein carries an Avi tag at the C-terminus, followed by a polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	Gln 35 - Gly 428
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD209, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human CEACAM-1, Avitag,His Tag with a linear range of 10-78 ng/mL (QC tested).
Molecular Mass	The protein has a calculated MW of 45.9 kDa. The protein migrates as 66-115 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20

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centigrade or lower.
Please avoid repeated freeze-thaw cycles.
This product is stable after storage at:
-20 centigrade to -70 centigrade for 12 months in lyophilized state;
-70 centigrade 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

CEACAM1 carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) [Homo sapiens]

Official Symbol

CEACAM1

Synonyms

CEACAM1; carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein); BGP; carcinoembryonic antigen-related cell adhesion molecule 1; BGP1; CD66a; antigen CD66; CD66a antigen; BGPI;

Gene ID

634

mRNA Refseq

NM_001024912

Protein Refseq

NP_001020083

MIM

109770

UniProt ID

P13688

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