

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

 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

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](#)

 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