

Active Recombinant Human CEACAM1 protein, His&hFc-tagged

Cat. No. CEACAM1-663H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CEACAM1 protein(NP_001020083.1) (Met 1-Gly 428) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-428 aa
Form	Lyophilized from sterile 100 mM Glycine, 500 mM NaCl, 5 % Glycerol, 50 mM Arg Hcl, 50 mM Glu, 0.01 % tween 20, pH 5.0.
Molecular Mass	The secreted recombinant human CEACAM1/Fc chimera is a disulfide-linked homodimer. The reduced monomer comprises 642 amino acids and predicts a molecular mass of 71 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

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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