

Active Recombinant Human CEACAM3 protein, His-tagged

Cat. No. CEACAM3-3942H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CEACAM3 protein(Met1-Gly155), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-155 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human CEACAM3 at 1µg/mL (100 µL/well) can bind CEACAM3 Mouse mAb with a linear range of 0.1-2.7 ng/mL.
Molecular Mass	17.62 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION
Gene Name

CEACAM3 carcinoembryonic antigen-related cell adhesion molecule 3 [Homo sapiens]

Official Symbol

CEACAM3

Synonyms

CEACAM3; carcinoembryonic antigen-related cell adhesion molecule 3; CGM1; CD66d; CD66d antigen; carcinoembryonic antigen CGM1; nonspecific cross-reacting antigen; carcinoembryonic antigen gene family member 1; CEA; W264; W282; CD66D; MGC119875;

Gene ID

1084

mRNA Refseq

NM_001815

Protein Refseq

NP_001806

MIM

609142

UniProt ID

P40198

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