

Recombinant Human CEACAM3 protein(Met1-Gly155), His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CEACAM3 (NP_001806.2) (Met 1-Gly 155) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-155 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CEACAM3 consists of 132 amino acids and predicts a molecular mass of 14.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCEACAM3 is approximately 18-23 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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

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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