

**CEACAM3, 35-155aa Human, His tag, E.coli**

**Cat.NO.: TP01570**

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3th Edition

**Synonyms:** Carcinoembryonic antigen-related cell adhesion molecule 3 isoform 2, CD66D, CEA, CGM1, W264, W282

**Description:** Carcinoembryonic antigen-related cell adhesion molecule 3 isoform 2, also known as CEACAM3, belongs to the immunoglobulin superfamily of genes encode cell adhesion proteins, which are expressed at higher levels in tumorous tissues than in normal tissues. CEACAM3 plays an important role in the clearance of pathogens by the innate immune system. It is responsible for RAC1 stimulation in the course of pathogen phagocytosis. Recombinant human CEACAM3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:** Liquid. In Phosphate buffer saline (pH 7.4) containing 20% glycerol

**Molecular Weight:** 15.5 kDa (144aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSKLTIESMPLSVAEGKEVLLL VHNLPQH LFGYSWYKGERVDGNSLIVGYVIGT  
QQATPGAAYSGRETIYTNASLLIQNVTQNDIGFYTLQVIKSDLVNEEATGQFHVYQENAPGLPVGAVAG

**Purity:** > 95% by HPLC

**Concentration:** 0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.