Recombinant Human carcinoembryonic antigen-related cell adhesion molecule 3, His-tagged

Cat. No. CEACAM3-676H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CEACAM3, 35-155aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	35-155 a.a.
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 Mass	15.5 kDa (144aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSKLTIESM PLSVAEGKEV LLLVHNLPQH LFGYSWYKGE RVDGNSLIVG YVIGTQQATP GAAYSGRETI YTNASLLIQN VTQNDIGFYT LQVIKSDLVN EEATGQFHVY QENAPGLPVG AVAG

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

Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

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
Chromosome Location	19q13.2

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