

Recombinant human CD66d/CEACAM3 protein

Catalog Number: ATGP2899

PRODUCT INFORMATION

Expression system

E.coli

Domain

35-155aa

UniProt No.

P40198

NCBI Accession No.

NP_001264092

Alternative Names

Carcinoembryonic antigen-related cell adhesion molecule 3 isoform 1, CEACAM3, CD66D, CEA, CGM1, W264, W282, CEA cell adhesion molecule 3

PRODUCT SPECIFICATION

Molecular Weight

15.5 kDa (144aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

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using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSKLTIESM PLSVAEGKEV LLLVHNLPQH LFGYSWKGE RVDGNSLIVG YVIGTQQATP
GAAYSGRETI YTNASLLIQN VTQNDIGFYT LQVIKSDLVN EEATGQFHVY QENAPGLPVG AVAG

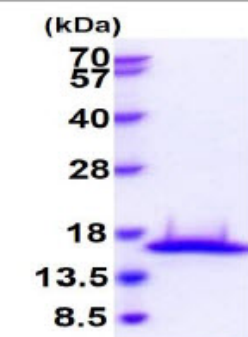
General References

Barnett T., et al. (1988) Genomics. 3: 59-66.

Barnett T., et al. (1989) J Cell Biol. 1018: 267-276.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.