

Recombinant Rat Ceacam3 protein, His-tagged

Cat. No. Ceacam3-8195R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ceacam3 aa. (Ser273~Leu416 (Accession # Q63111)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser273~Leu416
Description	Carcinoembryonic antigen related molecule that may function as a receptor; belongs to immunoglobulin superfamily.
Form	Freeze-dried powder
Molecular Mass	17kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.2.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Ceacam3 carcinoembryonic antigen-related cell adhesion molecule 3 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Ceacam3
Synonyms	Ceacam3; carcinoembryonic antigen-related cell adhesion molecule 3; Cea; Cear; Cgm1; Cgm4; CGM4AA; Ceacam5; RATCEAA; RATCGM4AA; Carcinoembryonic antigen gene family (CGM1); Carcinoembryonic antigen gene family member 4 / (carcinoembryonic antigen-related protein); carcinoembryonic antigen CGM1; carcinoembryonic antigen gene family 4
Gene ID	24926
mRNA Refseq	NM_012702.2
Protein Refseq	NP_036834.2

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UniProt ID

Q63111

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