

Recombinant Rat Ceacam1 protein, His-tagged

Cat. No. Ceacam1-8194R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ceacam1 aa. (Val36~Gln145 (Accession # P16573)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val36~Gln145
Description	Glycoprotein component of bile; plays a role in cell adhesion.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.0kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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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 lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Ceacam1 carcinoembryonic antigen related cell adhesion molecule 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Ceacam1

Synonyms

Ceacam1; carcinoembryonic antigen related cell adhesion molecule 1; Bgp; BGPR; CD66a; Ccam1; ATP-dependent taurocolate-carrier protein; carcinoembryonic antigen-related cell adhesion molecule 1; C-CAM 105; CEA-related cell adhesion molecule 1 (bone gamma-carboxyglutamic acid (Gla) protein) (osteocalcin); GP110; bone gamma-carboxyglutamic acid (Gla) protein; carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein); cell-CAM 105; ecto-ATPase; osteocalcin; pp120; pp120/ecto-ATPase

Gene ID

81613

mRNA Refseq

NM_001033860.1

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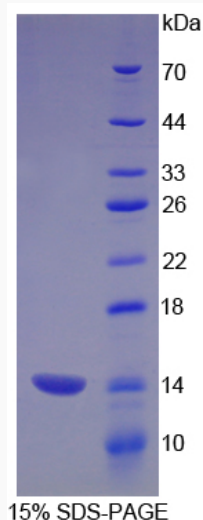
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Protein Refseq NP_001029032.1

UniProt ID P16573

SDS-PAGE



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