

Recombinant Rat Mcam protein, His & T7-tagged

Cat. No. Mcam-1784R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mcam aa. (Gln323~Lys560 (Accession # Q9EPF2)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln323~Lys560
Description	May act as a cell adhesion molecule; may play a role in tumor growth and invasion.
Form	Freeze-dried powder
Molecular Mass	34kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.9.
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

Mcam melanoma cell adhesion molecule [*Rattus norvegicus* (Norway rat)]

Official Symbol

Mcam

Synonyms

Mcam; melanoma cell adhesion molecule; CD146; Muc18; cell surface glycoprotein MUC18; gicerin; I-gicerin; melanoma-associated antigen MUC18

Gene ID

78967

mRNA Refseq

NM_001034009.1

Protein Refseq

NP_001029181.1

UniProt ID

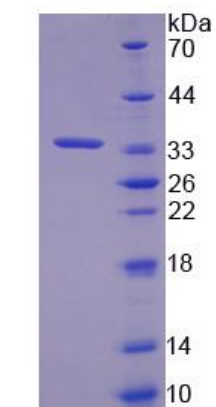
Q9EPF2

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SDS-PAGE



15% SDS-PAGE

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