

Recombinant Mouse Mcam protein, His-tagged

Cat. No. Mcam-6986M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mcam protein(Q8R2Y2-1)(Met1-Val563), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Val563
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse MCAM comprises 551 amino acids and has a calculated molecular mass of 61.3 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 90-100 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Mcam melanoma cell adhesion molecule [Mus musculus]
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Official Symbol	Mcam
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Synonyms

MCAM; melanoma cell adhesion molecule; cell surface glycoprotein MUC18; gicerin; l-gicerin protein; melanoma adhesion molecule; melanoma-associated antigen MUC18; CD146; CD149; Muc18; s-endo; AV025631; 1-gicerin; s-gicerin;

Gene ID	84004
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mRNA Refseq	NM_023061
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Protein Refseq	NP_075548
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