

# Recombinant Human MCAM protein, His-tagged, Biotinylated

Cat. No. MCAM-1328H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human MCAM protein(NP_006491.2)(Met1-Gly559), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly559
<b>Form</b>	Lyophilized from sterile PBS. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant CD146 consists of 547 amino acids and predicts a molecular mass of 61.3 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 88.9 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	<1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	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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<b>Reconstitution</b>	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.
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<b>Conjugation</b>	Biotin
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## GENE INFORMATION

<b>Gene Name</b>	MCAM melanoma cell adhesion molecule [ Homo sapiens ]
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<b>Official Symbol</b>	MCAM
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<b>Synonyms</b>	MCAM; melanoma cell adhesion molecule; cell surface glycoprotein MUC18; CD146; Gicerin; MUC18; melanoma adhesion molecule; cell surface glycoprotein P1H12; melanoma-associated antigen A32; melanoma-associated antigen MUC18; S-endo 1 endothelial-associated antigen;
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<b>Gene ID</b>	4162
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<b>mRNA Refseq</b>	NM_006500
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<b>Protein Refseq</b>	NP_006491
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<b>MIM</b>	155735
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<b>UniProt ID</b>	P43121
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