Recombinant Human MCAM protein, His-tagged

Cat. No. MCAM-011H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MCAM protein(NP_006491.2)(Met1-Gly559), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Gly559
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 recombinant CD146 comprises 547 amino acids and predicts a molecular mass of 61.3 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 80-90 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 98 % 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 [Homo sapiens]
Official Symbol	MCAM
Synonyms	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;
Gene ID	4162
mRNA Refseq	NM_006500
Protein Refseq	NP_006491
MIM	155735
UniProt ID	P43121

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