

Recombinant Human MCAM Protein, Fc-tagged

Cat. No. MCAM-379H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MCAM protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	646
Description	Involved in glomerular filtration and vascular wound healing. Acts upstream of or within angiogenesis. Located in external side of plasma membrane. Biomarker of chronic obstructive pulmonary disease and uveal melanoma.
Form	Lyophilized
Molecular Mass	85.9 kDa
AA Sequence	MGLPRLVCAFLLAACCCCPRVAGVPGEAEQPAPELVEVEVGSTALLKCGLSQSQGN LSHVDWFSVHKEKRTLIFRVRQGQGQSEPGEYEQRLSLQDRGATLALTQVTPQDE RIFLCQGKRPRSQEYRIQLRVYKAPEEPNIQVNPLGIPVNSKEPEEVATCVGRNGYPI PQVIWYKNGRPLKEEKNRVHIQSSQTVESSGLYTLQSILKAQLVKEDKDAQFYCELN YRLPSGNHMKESREVTVPVFYPTKEKVVLEVEPVGMLKEGDRVEIRCLADGNPPPHF SISKQNPSTREAAEETTNDNGVLVLEPARKEHSGRYECQGLDLDTMISLLSEPQELL VNYVSDVRVSPAAPERQEGSSLTLTCEAESSQDLEFQWLREETGQVLERGPVLQLH DLKREAGGGYRCVASVPSIPGLNRTQLVNVAIFGPPWMAFKERKVVWKENMVLNLS CEASGHPRTISWNVNGTASEQDQDPQRVLSTLNVLVTPELLETGVECTASNDLGK

 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

	NTSILFLELVNLTTLTPDSNTTGLSTSTASPHTRANSTSTERKLPEPESRGVVIVAVI VCILVLAVLGAVLYFLYKKGKLPCCRSGKQEITLPPSRKSELVVEVKSDKLPEEMGLL QGSSGDKRAPGDQGEKYIDLRH
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	MCAM melanoma cell adhesion molecule [Homo sapiens (human)]
Official Symbol	MCAM
Synonyms	MCAM; melanoma cell adhesion molecule; cell surface glycoprotein MUC18; CD146; Gicerin; MUC18; melanoma adhesion molecule; cell surface glycoprotein P1H12;

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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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