

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 LSHVDWFSVHKEKRTLIFRVRQGGQSEPGEYEQRLSLQDRGATLALTQVTPQDE RIFLCQGKRPRSQEYRIQLRVYKAPEEPNIQVNPLGIPVNSKEPEEVATCVGRNGYPI PQVIWYKNGRPLKEEKNRVHIQSSQTVESSGLYTLQSILKAQLVKEDKDAQFYCELN YRLPSGNHMKESREVTVPVFYPTTEKVVLEVEPVGMLKEGDRVEIRCLADGNPPPHF SISKQNPSTREAEETTNDNGVLLVLEPARKEHSGRYECQGLDLDTMISLLSEPQELL VNYVSDVRVSPAAPERQEGSSLTLTCEAESSQDLEFQWLREETGQVLERGPVLQLH DLKREAGGGYRCVASVPSIPGLNRTQLVNVAIFGPPWMAFKERKVVWKENMVLNLS CEASGHPRTISWNVNGTASEQDQDPQRVLSTLNVLVTPELLEGTVECTASNDLGK

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NTSILFLELVNLTTLTPDSNTTGLSTSTASPHTRANSTSTERKLPEPESRGVVIVAVI
 VCILVLAVLGAVLYFLYKKGKGLPCRRSGKQEITLPPSRKSELVVEVKSDKLPEEMGLL
 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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