

Recombinant Full Length Human MCAM Protein, C-Flag-tagged

Cat. No. MCAM-887HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MCAM Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	71.4 kDa
AA Sequence	MGLPRLVCAFLLAACCCCPRVAGVPGEAEQPAPELVEVEVGSTALLKCGLSQSQGN LSHVDWFSVHKEKR TLIFRVRQGQGQSEPGEYEQRLSLQDRGATLALTQVTPQDE RIFLCQGKRPRSQEYRIQLRVYKAPEEPN IQVNPLGIPVNSKEPEEVATCVGRNGYP IPQVIWYKNGRPLKEEKNRVHIQSSQTVESSGLYTLQSILKA QLVKEDKDAQFYCEL NYRLPSGNHMKESREVTVPVFYPTTEKVVLEVEPVGMLKEGDRVEIRCLADGNPPP HFSISKQNPSTREAEETNDNGVLVLEPARKEHSGRYECQGLDLDTMISLLSEPQE LLVNYVSDVRVSP AAPERQEGSSLTLTCEAESSQDLEFQWLREETGQVLERGPVL QLHDLKREAGGGYRCVASVPSIPGLNRT QLVNVAIFGPPWMAFKERKVVWKENMV LNLSCASGHPRPTISWNVNGTASEQDQDPQRVLSTLNLVLPV ELLETGVECTASN

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DLGKNTSILFLELVNLTTLTPDSNTTGLSTSTASPHTRANSTSTERKLPEPESRGV V
IVAVIVCILVLAVLGAVLYFLYKKGKLPCCRSGKQEITLPPSRKSELVVEVKSDKLP
MGLLQGSSGD
KRAPGDQGEKYIDLRHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Full Length	Full L.

GENE INFORMATION

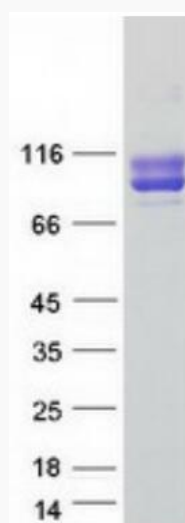
Gene Name	MCAM melanoma cell adhesion molecule [Homo sapiens (human)]
Official Symbol	MCAM
Synonyms	CD146; MUC18; HEMCAM; METCAM; MelCAM
Gene ID	4162

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mRNA Refseq	NM_006500.3
Protein Refseq	NP_006491.2
MIM	155735
UniProt ID	P43121



Coomassie blue staining of purified MCAM protein.