

Recombinant Full Length Human MCAM Protein

Cat. No. MCAM-298HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein of Human CD146 with proprietary tag; predicted MW 97.17 kDa, inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	646 amino acids
Description	CD146 (cluster of differentiation 146) also known as the melanoma cell adhesion molecule (MCAM) or cell surface glycoprotein MUC18, is a 113kDa cell adhesion molecule currently used as a marker for endothelial cell lineage.
Form	Liquid
Molecular Mass	97.170kDa inclusive of tags
AA Sequence	MGLPRLVCAFLLAACCCCPRVAGVPGEAEQPAPELVEVEV GSTALLKCGLSQSQG NLSHVDWFSVHKEKRTLIFRVRQQG GQSEPGEYEQRLSLQDRGATLALTQVTPQD ERIFLCQGKR PRSQEYRIQLRVYKAPEEPNIQVNPLGIPVNSKEPEEVAT CVGRNG YPIPQVIWYKNGRPLKEEKNRVHIQSSQTVESSG LYTLQSILKAQLVKEDKDAQFYC ELNYRLPSGNHMKESRE VTPVPFYPTKEVWLEVEPVGMLKEGDRVEIRCLADGNP PP HFSISKQNPSTREAAEEETTNDNGVLVLEPARKEHSGRYEC QGLDLDTMISLLSE PQELLVNYVSDVRVSPAAPERQEGSS LTLTCEAESSQDLEFQWLREETGQVLERG PVLQLHDLKRE AGGGYRCVASVPSIPGLNRTQLVNVAIFGPPWMAFKERKV WWKE

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NMVLNLSCEASGHPRTISWNVNGTASEQDQDPQRV LSTLNVLVTPELLETGVECT
ASNDLGKNTSILFLELVNLT TLTPDSNTTTGLSTSTASPHTRANSTSTERKLPEPESR
GV VIVAVIVCILVLAVLGAVLYFLYKKGKLPARRSGKQEITL PPSRKSELVVEVKSDK
LPEEMGLLQGSSGDKRAPGDQGEK YIDLRH

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

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

Gene ID [4162](#)

mRNA Refseq [NM_006500](#)

Protein Refseq [NP_006491](#)

MIM [155735](#)

UniProt ID [P43121](#)

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