9051 Mira Mesa Blvd, #910094
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MCAM Human

Melanoma Cell Adhesion Molecule Human Recombinant
RCP1337

Product Overview

Name	MCAM Human
Description	
Melanoma Cell Adhesion Molecule Human Recombinant	
Accession (Primary)	P43121
Synonyms	
Cell surface glycoprotein MUC18, Cell surface glycoprotein P1H12, Melanoma cell adhesion molecule, Melanoma-associated antigen A32, Melanoma-associated antigen MUC18, S-endo 1 endothelial-associated antigen, CD146, MCAM, MUC18, Cell Surface Glycoprotein MUC18, Melanoma Adhesion Molecule, CD146 Antigen, CD146, Melanoma Cell Adhesion Molecule, S-Endo 1 Endothelial-Associated Antigen, Melanoma-Associated Antigen MUC18, Cell Surface Glycoprotein P1H12, Melanoma-Associated Antigen A32, Gicerin.	
Introduction	
Cell surface glycoprotein MUC18 (MCAM), is an integral membrane glycoprotein which is part of the immunoglobulin superfamily. MCAM is related with a variety of carcinomas such as tumor progression, metastasis and is also implicated in embryonic neural development. In Addition, MCAM takes part in cell adhesion, as well as in cohesion of the endothelial monolayer at the intercellular junctions in vascular tissue.	
Source	
Sf9, Insect cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
MCAM protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
VPGEA EQPAP ELVEVEVGST ALLKCGLSQS QGNLSHVDWF SVHKEKRTLI FRVRQGQGQS EPGEYEQRLS	

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LQDRGATLAL TQVTPQDERI FLCQGKRPRS QEYRIQLRVY KAPEEPNIQV NPLGIPVNSK EPEEVATCVG RNGYPIPQVI WYKNGRPLKE EKNRVHIQSS QTVESSGLYT LQSILKAQLV KEDKDAQFYC ELNYRLPSGN HMKESREVTV PVFYPTEKVW LEVEPVGMLK EGDRVEIRCL ADGNPPPHFS ISKQNPSTRE AEEETTNDNG VLVLEPARKE HSGRYECQGL DLDTMISLLS EPQELLVNYV SDVRVSPAAP ERQEGSSLTL TCEAESSQDL EFQWLREETG QVLERGPVLQ LHDLKREAGG GYRCVASVPS IPGLNRTQLV NVAIFGPPWM AFKERKVWVK ENMVLNLSCE ASGHPRPTIS WNVNGTASEQ DQDPQRVLST LNVLVTPELL ETGVECTASN DLGKNTSILF LELVNLTTLT PDSNTTTGLS TSTASPHTRA NSTSTERKLP EPESRGAAAL E HHHHHH.

Precautions

MCAM Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P43121)