

RPPB3943

Product Information Protein Information

Product SKU:

RPPB3943

Accession:

P43121

Host:

Sf9, Insect cells.

Protein description:

MCAM produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 547 amino acids (24-559 a.a.) and having a molecular mass of 61.0kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa).MCAM is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

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.

Formulation:

MCAM protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

VPGEAEQPAP ELVEVEVGST ALLKCGLSQS QGNLSHVDWF SVHKEKRTLI FRVRQGQGQS EPGYEYQRLS
LQDRGATLAL TQVTPQDERI FLCQGKRPRS QEYRIQLRVY KAPEEPNIQV NPLGIPVNSK EPEEVATCVG
RNGYPIPVQI WYKNGRPLKE EKNRVHIQSS QTVESGLYT LQSILKAQLV KEDKDAQFYC ELNYRLPSGN
HMKESREVTV PVFYPTEKVW LEVEPVGMLK EGDRVEIRCL ADGNPPPHFS ISKQNPSTRE AEEETTNDNG
VLVLEPARKE HSGRYECQGL DLDTMISLLS EPQELLVNYV SDVRVSPAAP ERQEGSSLTL TCEAESSQDL
EFQWLREETG QVLERGPVLQ LHDLKREAGG GYRCVASVPS IPGLNRTQLV NVAIFGPPWM AFKERKVVVK
ENMVLNLSCE ASGHPRPRTIS WNVNGTASEQ DQDPQRVLST LNLVLTPELL ETGVECTASN DLGKNTSILF
LELVNLTTLT PDSNTTTGLS TSTASPHTRA NSTSTERKLP EPESRGAAL EHHHHHHH.