

Recombinant Full Length Human Cell Surface Glycoprotein Muc18(Mcam) Protein, His-Tagged

Cat. No. RFL9495HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Cell surface glycoprotein MUC18(MCAM) Protein (P43121) (24-646aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length of Mature Protein (24-646)
Form	Lyophilized powder
AA Sequence	VPGAEQPAPELVEVEVGSTALLKCGLSQSQGNLSHVDWFSVHKEKRTLIFRVRQG QGQSEPGEEYEQRLSLQDRGATLALTQVTPQDERIFLCQGKRPRSQEYRIQLRVYKA PEEPNIQVNPLGIPVNSKEPEEVATCVGRNGYPIPVQVIWYKNGRPLKEEKNRVHIQS SQTVESSGLYTLQSILKAQLVKEDKDAQFYCELNYRLPSGNHMKESREVTVPVFPYPT EKWLEVEPVGMLKEGDRVEIRCLADGNPPPHFSISKQNPSTREAAEETTNDNGVL VLEPARKEHSGRYECQGLDLDTMISLLSEPQELLVNYVSDVRVSPAAPERQEGSSLT LTCEAESSQDLEFQWLREETGQVLERGPVLQLHDLKREAGGGYRCVASVPSIPGLN RTQLVNVAIFGPPWMAFKERKVVWKENMVLNLSCEASGHRPTISWNVNGTASEQ DQDPQRVLSTLNVLVTPELLETGVECTASNDLGKNTSILFELVNLTTLTPDSNTTTG LSTSTASPHTRANSTSTERKLPEPESRGVVIVAVIVCIVLAVLGAVLYFLYKKGKLPC RRSKGQEITLPPSRKSELVVEVKSDKLPEEMGLLQGSSGDKRAPGDQGEKYIDLRH
Purity	Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	MCAM
Synonyms	A32 antigen; CD 146; CD146; CD146 antigen; Cell surface glycoprotein MUC18; Cell surface glycoprotein P1H12; Gicerin; Mcam; Melanoma adhesion molecule; Melanoma associated antigen A32; Melanoma associated antigen MUC18; Melanoma associated glycoprotein MU
UniProt ID	P43121