

Datasheet for ABIN5712730

MCAM Protein (AA 50-646, partial) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	MCAM
Protein Characteristics:	partial, AA 50-646
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MCAM protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	LSQSQGNLSH VDWFSVHKEK RTLIFRVRQG QGQSEPGEYE QRLSLQDRGA TLALTQVTPQ DERIFLCQGK RPRSQEYRIQ LRVYKAPEEP NIQVNPLGIP VNSKEPEEVA TCVGRNGYPI PQVIWYKNGR PLKEEKNRVH IQSSQTVESS GLYTLQSILK AQLVKEDKDA QFYCELNYRL PSGNHMKESR EVTVPVFYPT EKVVLEVEPV GMLKEGDRVE IRCLADGNPP PHFSISKQNP STREAEETT NDNGVLVLEP ARKEHSGRYE CQGLDLDTMI SLLSEPQELL VNYVSDVRVS PAAPERQEGS SLTLTCEAES SQDLEFQWLR EETGQVLERG PVLQLHDLKR EAGGGYRCVA SVPSIPGLNR TQLVNVAIFG PPWMAFKERK VVVKENMVLN LSCEASGHPR PTISWNVNGT ASEQDQDPQR VLSTLNLVLT PELLETGVEC TASNDLGKNT SILFLELVNL TTLTPDSNTT TGLSTSTASP HTRANSTSTE RKLPEPESRG WVIVAVIVCI LVLAVLGAVL YFLYKKGKLP CRRSGKQEIT LPPSRKSELV VEVKSDKLPE EMGLLQGSSG DKRAPGDQGE KYIDLRH
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

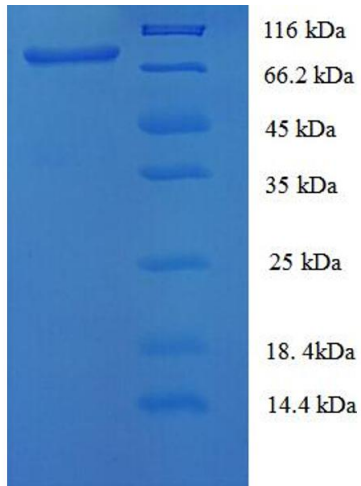
Target:	MCAM
Alternative Name:	MUC18 (MCAM Products)
Background:	Plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing heterogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2/FAK1, and a transient increase in the intracellular calcium concentration.
Molecular Weight:	70.7 kDa
UniProt:	P43121

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.