

Recombinant Mouse Mcam Protein, Myc/DDK-tagged

Cat. No. Mcam-3988M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length melanoma cell adhesion molecule (Mcam), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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 hematogeneous 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 Mass	71.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Mcam melanoma cell adhesion molecule \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Mcam](#)

Synonyms MCAM; melanoma cell adhesion molecule; cell surface glycoprotein MUC18; gicerin; l-gicerin protein; melanoma adhesion molecule; melanoma-associated antigen MUC18; CD146; CD149; Muc18; s-endo; AV025631; 1-gicerin; s-gicerin

Gene ID [84004](#)

mRNA Refseq [NM_023061](#)

Protein Refseq [NP_075548](#)

UniProt ID [Q8R2Y2](#)

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