

Recombinant Human MCAM protein, His-tagged

Cat. No. MCAM-682H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MCAM protein(NP_006491)(26-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	GEAEQPAPELVEVEVGSTALLKCGLSQSQGNLSHVDWFSVHKEKRTLIFRVRQGQG QSEPGEYEQRSLQDRGATLALTQVTPQDERIFLCQGKRPRSQEYRIQLRVYKAPE EPNIQVNPLGIPVNSKEPEEVATCVGRNGYPIQVIWYKNGRPLKEEKNRVHIQSSQ TVESSGLYTLQSLKAQLVKEDKDAQFYCELNYRLPSGNHMKESREVTVPVFYPTK VWLEVEPVGMLKEGDRVEIRCLADGNPPPHFSISKQNPSTREAAEEETTNDNGVLVL EPARKEHSGRYECQGLDLDTMISLLSEPQELLVNYVSDVRVSP
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name MCAM melanoma cell adhesion molecule [Homo sapiens]

Official Symbol MCAM

Synonyms MCAM; melanoma cell adhesion molecule; cell surface glycoprotein MUC18; CD146; Gicerin; MUC18; melanoma adhesion molecule; cell surface glycoprotein P1H12; melanoma-associated antigen A32; melanoma-associated antigen MUC18; S-endo 1 endothelial-associated antigen;

Gene ID 4162

mRNA Refseq NM_006500

Protein Refseq NP_006491

MIM 155735

UniProt ID P43121

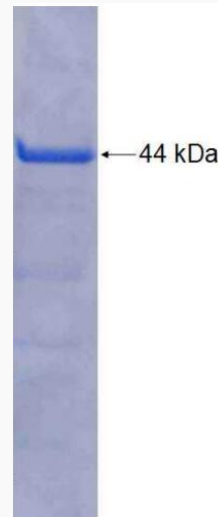
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SDS-PAGE



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