

Active Recombinant Human MCAM protein, His-tagged

Cat. No. MCAM-616H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human MCAM protein(P43121)(Val24-Gly559) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	24-559 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human MUC18, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-MUC18 Antibody, hFc Tag with the EC50 of 12.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 60.8 kDa. Due to glycosylation, the protein migrates to 80-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

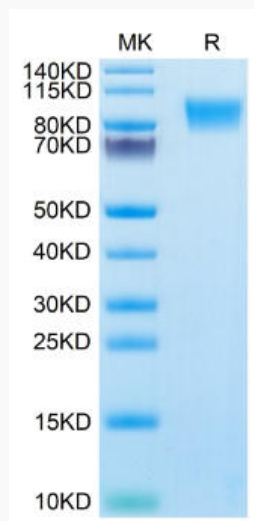
UniProt ID [P43121](#)

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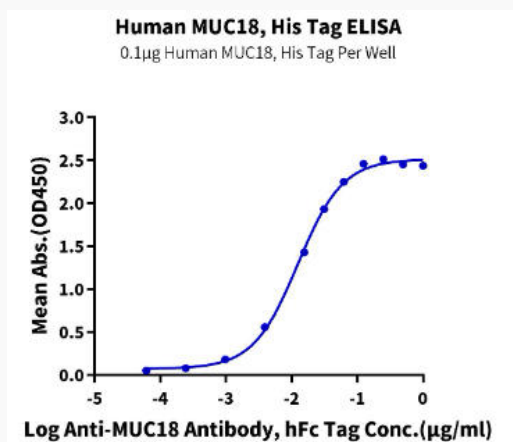
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Bis-Tris PAGE



ELISA Data



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