

## Active Recombinant Human MCAM protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human MCAM protein(P43121)(Val24-Gly559) is expressed from HEK293 with His tag at the C-Terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	24-559 aa
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1 EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Storage</b>	-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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA