

Recombinant Human MCAM protein, His-tagged

Cat. No. MCAM-1782H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human MCAM aa. (Asp324~Val565 (Accession # P43121)) fused with N-terminal His tag was produced in E. coli cells. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Asp324~Val565 |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 27.9kDa |
| Endotoxin | <1.0EU per 1ug (determined by the LAL method) |
| Purity | >95% |
| Characteristic | The isoelectric point is 5.1. |
| Applications | SDS-PAGE; WB; ELISA; IP. |
| Stability | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the |

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

MCAM melanoma cell adhesion molecule [Homo sapiens (human)]

Official Symbol

MCAM

Synonyms

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

Gene ID

4162

mRNA Refseq

NM_006500.2

Protein Refseq

NP_006491.2

UniProt ID

P43121

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