

Recombinant Rat CD146/MCAM protein (His tag)

Catalog Number: PDER100083



Note: Centrifuge before opening to ensure complete recovery of vial contents.

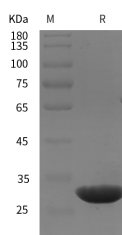
Description

Synonyms	Cell surface glycoprotein MUC18;MUC18;Mcam;Gicerin;Melanoma cell adhesion molecule;Melanoma-associated antigen MUC18;CD146
Species	Rat
Expression Host	E.coli
Sequence	His 151-Val 350
Accession	Q9EPF2
Calculated Molecular Weight	21.9 kDa
Observed molecular weight	30 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Melanoma Cell Adhesion Molecule (MCAM), also known as CD146 and MUC18, is a putative Ig-superfamily adhesion molecule that is expressed on endothelial cells and a variety of tumor cells. MCAM is associated with tumor progression and metastasis and may be involved in embryonic neural development. An alternately spliced isoform of rat MCAM has a 40 residue deletion in the cytoplasmic domain.

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