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Datasheet for ABIN7505548

MCAM Protein (AA 151-350) (His tag)

Overview

Quantity:	100 μg
Target:	MCAM
Protein Characteristics:	AA 151-350
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MCAM protein is labelled with His tag.

Product Details

Sequence:	His 151-Val 350
Characteristics:	A DNA sequence encoding the Rat CD146/MCAM protein (Q9EPF2) (His 151-Val 350) was expressed with N-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	MCAM
Alternative Name:	CD146 (MCAM Products)
Background:	Abbreviation: CD146,MCAM
	Target Synonym: Cell surface glycoprotein MUC18,MUC18,Mcam,Gicerin,Melanoma cell
	adhesion molecule, Melanoma-associated antigen MUC18, CD146
	Background: Melanomia Cell Adhesion Molecule (MCAM), also known as CD146 and MUC18, is

Target Details

	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.
Molecular Weight:	Calculated MW: 21.89 kDa
	Observed MW: 30 kDa
UniProt:	Q9EPF2

Application Details

Restrictions:	For Research Use only		
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months