Recombinant Human CD-146

Cat. No. CDA095P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD-146 protein 433-647 a.a. expressed in E.coli,47 kDa.
Species	Human
Source	E.coli
ProteinLength	433-647 a.a.
Description	CD146 belongs to the immunoglobulin supergene family with five immunoglobulin like domains (V-V-C2-C2-C2), a transmembrane region and a 63 residue cytoplasmic tail. The protein is a membrane glycoprotein that functions as a Ca2+ independent cell adhesion molecule involved in heterophilic cell to cell interactions. CD146 has a molecular size of 130 kDa in its reduced form (118 kDa unreduced), and N linked glycosylation accounts for fifty percent of the apparent molecular weight. In some cells the molecule carries a sulfate 3 glucuronyl moiety.
Presentation	Recombinant Human CD-146 protein at 100μg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Applications	•ELISA•Inhibition Assays •Western Blotting
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 47 kDa.
Storage	Store vial at -20°Cto -80°C. When stored at the recommended temperature, this

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	protein is stable for 12 months.

GENE INFORMATION

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

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