

Datasheet for ABIN7504315

CD147 Protein (AA 22-205) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD147 (BSG)
Protein Characteristics:	AA 22-205
Origin:	Dog
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD147 protein is labelled with His tag.

Product Details

Purpose:	Canine EMMPRIN/CD147 Protein
Sequence:	Ala22-Arg205
Characteristics:	Recombinant Canine EMMPRIN/CD147 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala22-Arg205.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CD147 (BSG)
Alternative Name:	EMMPRIN (BSG Products)

Target Details

Background:	CD147, also known as extracellular matrix metalloproteinase inducer (EMMPRIN) or basigin, is expressed in a variety of cell types. It is involved in the regulation of extracellular matrix (ECM) remodeling during physiological and pathological processes including wound healing, inflammatory diseases, and cancer. CD147 is a diagnostic and therapeutic target in cancer and inflammatory diseases, either directly or indirectly, by targeting CD147 partners.
Molecular Weight:	21.54 kDa. Due to glycosylation, the protein migrates to 30-45 kDa based on Tris-Bis PAGE result.
NCBI Accession:	XP_533964
Pathways:	S100 Proteins

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months