

Datasheet for ABIN7319825
CD82 Protein (CD82) (Fc Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CD82
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD82 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CD82 (N-Fc)
Sequence:	Gly103-Gln225
Characteristics:	Recombinant Human CD82 Antigen is produced by our Mammalian expression system and the target gene encoding Gly103-Gln225 is expressed with a Fc tag at the N-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD82
Alternative Name:	CD82 (CD82 Products)
Background:	Background: CD82 antigen, also known as Kai-1, is a widely expressed palmitoylated molecule of the tetraspanin superfamily. KAI1/CD82 is localized on cell membrane and form interactions with other tetraspanins, integrins and chemokines which are respectively responsible for cell

Target Details

migration, adhesion and signaling. CD82/Kai-1 is a component of the promiscuous TIMP-1 interacting protein complex on the cell surface of human adenocarcinoma cells and gives insight into tumorigenic metastatic potential. CD82/Kai-1 suppresses EMT in prostate cancer cells adhered to fibronectin leading to reduced cell migration and invasiveness. CD82/Kai-1 function is important for muscle stem cell function in muscular disorders. Overexpression of CD82/Kai-1 suppresses growth, migration and invasion of oral cancer cells and may be considered as a potential therapeutic target in oral cancer.

Synonym: CD82 antigenC33, CD82 Molecule, CD82, IA4, IA4C33 antigen, Inducible membrane protein R2, KAI1, KAI1GR15, ST6, ST6tspan-27, Suppressor of tumorigenicity 6 protein, Tetraspanin-27, TSPAN27, Tspan-27, TSPAN274F9

Molecular Weight:	40.3 kDa
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UniProt:	P27701
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Pathways:	p53 Signaling
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Application Details

Restrictions:	For Research Use only
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Handling

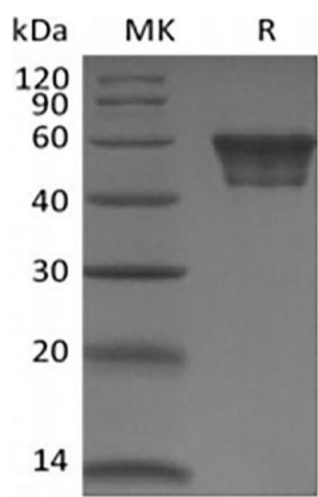
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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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.
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Western Blotting

Image 1.