

Datasheet for ABIN7320175

CD53 Protein (CD53) (AA 107-181) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CD53
Protein Characteristics:	AA 107-181
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD53 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse CD53 Protein (aa 107-181, His Tag)
Sequence:	Glu107-Asn181
Characteristics:	A DNA sequence encoding the mouse CD53 (Q61451) (Glu107-Asn181) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	CD53
Alternative Name:	CD53 (CD53 Products)
Background:	Background: CD53 is a member of the transmembrane 4 superfamily, also called the

Target Details

tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. These proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. CD53 is a cell surface glycoprotein that is known to complex with integrins. Familial deficiency of CD53 gene has been linked to an immunodeficiency associated with recurrent infectious diseases caused by bacteria, fungi and viruses. CD53 contributes to the transduction of CD2-generated signals in T cells and natural killer cells and has been suggested to play a role in growth regulation.

Synonym: AI323659,Ox-44,Tspan25

Molecular Weight: 10.6 kDa

UniProt: [Q61451](#)

Application Details

Restrictions: For Research Use only

Handling

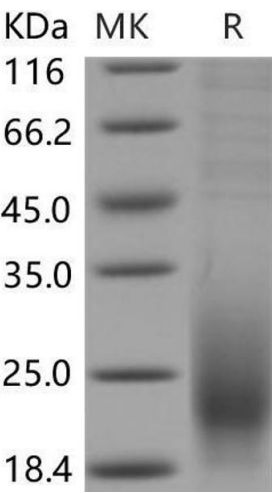
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

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.



Western Blotting

Image 1.