

Datasheet for ABIN7490883

CD63 Protein (CD63) (AA 103-203) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CD63
Protein Characteristics:	AA 103-203
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD63 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human CD63 protein with C-terminal human Fc tag
Specificity:	CD63 (Ala103-Val203) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD63
Alternative Name:	CD63 (CD63 Products)
Background:	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also

Target Details

known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Apr 2012]

Molecular Weight: predicted molecular mass of 37.7 kDa after removal of the signal peptide. The apparent molecular mass of CD63-hFc is 35-55 kDa due to glycosylation.

UniProt: [P08962](#)

Application Details

Restrictions: For Research Use only

Handling

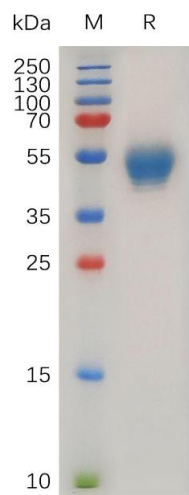
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human CD63 Protein, hFc Tag on SDS-PAGE under reducing condition.