

32-17869: Recombinant Human CD63 Protein, hFc Tag

Uniprot ID : P08962

Alternative Name : CD63 antigen?Granulophysin?LAMP-3?Limp1?Melanoma-associated antigen ME491?OMA81H?Ocular melanoma-associated antigen?Tetraspanin-30? Tspan-30

Description

Molecular Characterization: CD63(Ala103-Val203) hFc(Glu99-Ala330)

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

Description: Recombinant human CD63 protein with C-terminal human Fc tag

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also 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.

Product Info

Amount : 100 µg / 50 µg

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

Storage condition : 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.