

32-17889: Recombinant Human ADAM15 Protein, hFc Tag

Uniprot ID : Q13444
Alternative Name : ADAM 15, MDC-15

Description

Molecular Characterization: ADAM15(Leu18-Thr696) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 100.0 kDa after removal of the signal peptide. The apparent molecular mass of ADAM15-hFc is approximately 100-130 kDa due to glycosylation.

Description: Recombinant human ADAM15 protein with C-terminal human Fc tag

The protein encoded by this gene is a member of the ADAM (a disintegrin and metalloproteinase) protein family. ADAM family members are type I transmembrane glycoproteins known to be involved in cell adhesion and proteolytic ectodomain processing of cytokines and adhesion molecules. This protein contains multiple functional domains including a zinc-binding metalloprotease domain, a disintegrin-like domain, as well as a EGF-like domain. Through its disintegrin-like domain, this protein specifically interacts with the integrin beta chain, beta 3. It also interacts with Src family protein-tyrosine kinases in a phosphorylation-dependent manner, suggesting that this protein may function in cell-cell adhesion as well as in cellular signaling. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed.

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.