

## **PRODUCT INFORMATION**

ADAM15 **Target** 

**Synonyms** ADAM 15;MDC-15

Recombinant human ADAM15 protein with C-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** Q13444 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

Reconstitution

Storage & Shipping

Purity

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

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 **Molecular Weight** approximately 100-130 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation &

 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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.

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 like achain, because the like integral in the second control of the se **Background** 

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.

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[provided by RefSeq, Jul 2008]

**Usage** Research use only

Conjugate Unconjugated



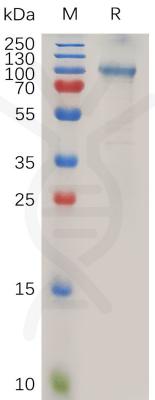


Figure 1. Human ADAM15 Protein, hFc Tag on SDS-PAGE under reducing condition.

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