

37-1235: Human ADAM15 / MDC15 Recombinant Protein (His Tag)(Discontinued)

Reactivity : Human
Alternative Name : MDC15 Protein,

Description

Source : HEK293 Cells

ADAM15, also known as Metargidin, is a type I transmembrane glycoprotein belonging to the ADAM (A Disintegrin and Metalloprotease Domain) family of proteins and is widely expressed in different tissues and cell types. Members of this family contain an amino-terminal metalloprotease domain followed by a disintegrin domain, a cysteine-rich region and a membrane proximal EGF-like domain. The disintegrin domain of ADAM15/metargidin contains an RGD tripeptide sequence, suggesting that it may potentially interact with the integrin family of proteins. ADAM15 is a transmembrane multi-domain proteins implicated in proteolysis, cell-cell and cell-matrix interactions in various disease conditions. There is also evidence supporting a role for ADAM15 in angiogenesis and angioinvasion of tumor cells, which are critical for unrestrained tumor growth and metastatic spread. Given its diverse functions, ADAM15 may represent a pivotal regulatory component of tumor progression, an important target for therapeutic intervention, or emerge as a biomarker of disease progression.

Product Info

Amount : Human ADAM15 / MDC15 Recombinant Protein (His Tag)(Discontinued) / 20 µg
Purification : > 97 % as determined by SDS-PAGE
Content : Formulation Lyophilized from sterile PBS, pH 7.4
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition : Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid : Met1-Thr696

Application Note

Endotoxin : < 1.0 EU per µg of the protein as determined by the LAL method

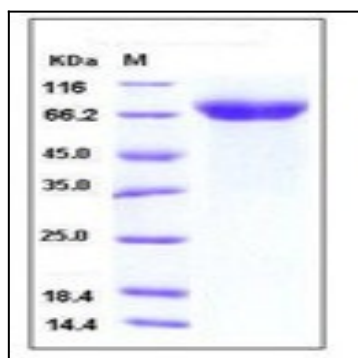


Fig 1: Human ADAM15 / MDC15 Recombinant Protein (His Tag)