Datasheet for ABIN7490966

ADAM15 Protein (AA 18-696) (Fc Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	ADAM15
Protein Characteristics:	AA 18-696
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAM15 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human ADAM15 protein with C-terminal human Fc tag
Specificity:	ADAM15 (Leu18-Thr696) 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:	ADAM15
Alternative Name:	ADAM15 (ADAM15 Products)
Background:	The protein encoded by this gene is a member of the ADAM (a disintegrin and

Target Details

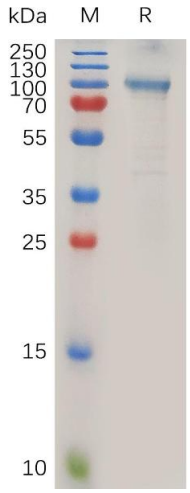
	metalloproteinase) protein family. ADAM family members are type I transmembrane glycoproteins known to be involved in cell adhesion and proteolytic ectodomain processing of cytokines and adhesion molecules. This protein contains multiple functional domains including a zinc-binding metalloprotease domain, 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. [provided by RefSeq, Jul 2008]
Molecular Weight:	predicted molecular mass of 100.0 kDa after removal of the signal peptide. The apparent molecular mass of ADAM15-hFc is 100-130 kDa due to glycosylation.
UniProt:	Q13444

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 A Protein, hFc Tag on SDS-PAGE under reducing condition.