Datasheet for ABIN6964407

ADAM17 Protein (Fc Tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	ADAM17
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAM17 protein is labelled with Fc Tag.

Product Details

Sequence:	ADAM17 (Lys215-Asn671)+hFc(GLU99-ALA330)
Characteristics:	Tagged Protein: C-Human Fc tag
Purification:	affinity purification

Target Details

Target:	ADAM17
Alternative Name:	ADAM17 (ADAM17 Products)
Background:	Synonymes: ADAM18, CD156B, CSVP, NISBD, NISBD1, TACE Description: This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The encoded preproprotein is proteolytically processed to generate the mature

Target Details

	protease. The encoded protease functions in the ectodomain shedding of tumor necrosis factor-alpha, in which soluble tumor necrosis factor-alpha is released from the membrane-bound precursor. This protease also functions in the processing of numerous other substrates, including cell adhesion proteins, cytokine and growth factor receptors and epidermal growth factor (EGF) receptor ligands. The encoded protein also plays a prominent role in the activation of the Notch signaling pathway. Elevated expression of this gene has been observed in specific cell types derived from psoriasis, rheumatoid arthritis, multiple sclerosis and Crohn's disease patients, suggesting that the encoded protein may play a role in autoimmune disease. [provided by RefSeq, Feb 2016]
Molecular Weight:	75.79 kDa
UniProt:	P78536
Pathways:	Notch Signaling, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Response to Growth Hormone Stimulus

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-80 °C
Storage Comment:	Store at -80°C for 12 months (Avoid repeated freezing and thawing)
Expiry Date:	12 months

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