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Datasheet for ABIN1618427

ADAM10 Protein (AA 10-468) (His tag)

Overview

Quantity:	1 mg
Target:	ADAM10
Protein Characteristics:	AA 10-468
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAM10 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	T TLPERNTCQL YIQTDHLFFK SYGTREAVIA QISSHVKAID AIYQTTDFSG IRNISFMVKR IRINTTSDEK DPTNPFRFPN IGVEKFLELN SEQNHDDYCL AYVFTDRDFD DGVLGGLAWVG APSGSSGGIC EKSKLYSDGK KKSLLNTGIIT VQNYGSHVPP KVSHITFAHE VGHNFGSPHD SGTECTPGES KNLGQKENG N YIMYARATSG DKLNNNKFS L CSIRNISQVL EKKRNNCFVE SGQPICGNM VEQGEEDCG YSDQCKDECC FDANQPEGKK CKLKPGKQCS PSQGPCCTAQ CAFKSKSEK RDDSDCAKEG ICNGFTALCP ASDPKPNFTD CNRHTQVCIN GQCAGSICEK YDLEECTCAS SDGKDDKELC HVCCMKKMAP STCASTGSLQ WNKQFTGRTI TLQPGSPCND FRGYCDVFMR CRLVDADGPL ARLKKAIFSP QLYENIAE
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: ADAM10

Alternative Name: Disintegrin and metalloproteinase domain-containing protein 10 (Adam10) ([ADAM10 Products](#))

Background: Recommended name: Disintegrin and metalloproteinase domain-containing protein 10.

Short name= ADAM 10.

EC= 3.4.24.81.

Alternative name(s): Kuzbanian protein homolog Mammalian disintegrin-metalloprotease

CD_antigen= CD156c

UniProt: [Q10743](#)

Pathways: [Notch Signaling](#), [EGFR Signaling Pathway](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.