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Datasheet for ABIN1000831

ADAM10 Protein (AA 214-672) (His tag)

Overview

Quantity:	10 µg
Target:	ADAM10
Protein Characteristics:	AA 214-672
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAM10 protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	ADAM 10 (Western Blot Control)
Sequence:	TTSAEKNTCQ LYIQTDHLFF KYYG TREAVI AQISSHVKAI TTSAEKNTCQ LYIQTDHLFF KYYG TREAVI AQISSHVKAI TTSAEKNTCQ LYIQTDHLFF KYYG TREAVI AQISSHVKAI TTSAEKNTCQ LYIQTDHLFF KYYG TREAVI AQISSHVKAI TTSAEKNTCQ LYIQTDHLFF KYYG TREAVI AQISSHVKAI TTSAEKNTCQ LYIQTDHLFF KYYG TREAVI AQISSHVKAI TTSAEKNTCQ LYIQTDHLFF KYYG TREAVI AQISSHVKAI TTSAEKNTCQ LYIQTDHLFF KYYG TREAVI AQISSHVKAI TTSAEKNTCQ LYIQTDHLFF KYYG TREAVI AQISSHVKAI TTSAEKNTCQ LYIQTDHLFF KYYG TREAVI AQISSHVKAI TTSAEKNTCQ LYIQTDHLFF KYYG TREAVI AQISSHVKAI LARLKKAIIFS PELYENIAE
Characteristics:	recombinant ADAM 10 comprises a 459 amino acid fragment (214-672) corresponding to the ADAM 10 extracellular domain minus the signal peptide and prosequence and is expressed in E. coli with an aminoterminal hexahistidine tag.

Product Details

Purity: > 95 %

Target Details

Target: ADAM10

Alternative Name: ADAM 10 ([ADAM10 Products](#))

Background: ADAM 10 is a member of the ADAM family of membraneanchored cell surface proteins, which contain both a disintegrin and a metalloprotease domain. ADAM 10 is expressed in a wide variety of tissues and resides on both the cell surface and within the cytoplasm. ADAM10 has been implicated in proteolytic release of a number of cell surface proteins in particular TNF alpha,AD10, KUZ, EC 3.4.24.81, A desintegrin and metalloprotease domain 10, mammalian disintegrinmetalloprotease, Kuzbanian protein homolog, CDw156c antigen

Molecular Weight: 55.09 kDa

UniProt: [O14672](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20 °C