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Datasheet for ABIN1000828  
**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), ELISA                  |

### Product Details

|                  |  |
|------------------|--|
| Purpose:         | ADAM 10  |
| Sequence:        | TTSAEKNTCQ LYIQTDHLFF KYYGTR EAVI AQISSHV KAI TTSAEKNTCQ LYIQTDHLFF<br>KYYGTR EAVI AQISSHV KAI TTSAEKNTCQ LYIQTDHLFF KYYGTR EAVI AQISSHV KAI<br>TTSAEKNTCQ LYIQTDHLFF KYYGTR EAVI AQISSHV KAI TTSAEKNTCQ LYIQTDHLFF<br>KYYGTR EAVI AQISSHV KAI TTSAEKNTCQ LYIQTDHLFF KYYGTR EAVI AQISSHV KAI<br>TTSAEKNTCQ LYIQTDHLFF KYYGTR EAVI AQISSHV KAI TTSAEKNTCQ LYIQTDHLFF<br>KYYGTR EAVI AQISSHV KAI TTSAEKNTCQ LYIQTDHLFF KYYGTR EAVI AQISSHV KAI<br>TTSAEKNTCQ LYIQTDHLFF KYYGTR EAVI AQISSHV KAI TTSAEKNTCQ LYIQTDHLFF<br>KYYGTR EAVI AQISSHV KAI LARLKKAI FS 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

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Purity: > 95 %

## Target Details

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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

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

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: 20 mM Tris-HCl pH 8.0, 5 mM EDTA, 50 % Glycerol

Storage: -20 °C

Storage Comment: Store at -20 °C