

Datasheet for ABIN1000827

ADAM12 S Isoform Protein (AA 208-738) (His tag)[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 10 µg |
| Target: | ADAM12 S Isoform |
| Protein Characteristics: | AA 208-738 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ADAM12 S Isoform protein is labelled with His tag. |
| Application: | Western Blotting (WB), Control (Ct) |

Product Details

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| Purpose: | ADAM 12S (Western Blot Control) |
| Sequence: | ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH ETLKATKYVE LVIVADNREF QRQGDLEKV KQRLIEIANH EHASTASLTL I |
| Characteristics: | recombinant ADAM12S comprises a 531 amino acid fragment (208-738) corresponding to the mature ADAM 12S protein isoform and is expressed in E. coli with an amino-terminal |

Product Details

hexahistidine tag.

Purity: > 95 %

Target Details

Target: ADAM12 S Isoform

Abstract: [ADAM12 S Isoform Products](#)

Background: ADAM proteins are a family of membrane-anchored cell surface protein containing both a disintegrin and a metalloprotease domain. Their exact functions have not been fully characterised however, they are thought to mediate a number of cellular processes including differentiation, cell fusion, cell-cell interactions and shedding of plasma membrane bound growth factor precursors. Two forms of ADAM12 have been described: ADAM12S and ADAM12L (short and long forms). The short form (ADAM12S) is a soluble form, which lacks the transmembrane and cytoplasmic domains. ADAM12S expression is thought to be limited to the placenta, embryo and foetus although levels have been detected in some tumour cell lines, A Disintegrin and Metalloprotease Domain 12 S isoform, ADAM12 precursor (EC 3.4.24), Meltrin alpha

Molecular Weight: 62.16 kDa

UniProt: [O43184](#)

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

Handling

Storage Comment: Store at -20 °C