RANDOX BIOSCIENCES
Discovery | Drug Development | Diagnostics

ADAM 12S **Human, Recombinant, *E. coli***

Cat. No.: RCP9040 **Size:** 10µg
RCP9041 100µg
RCP9146 1000µg

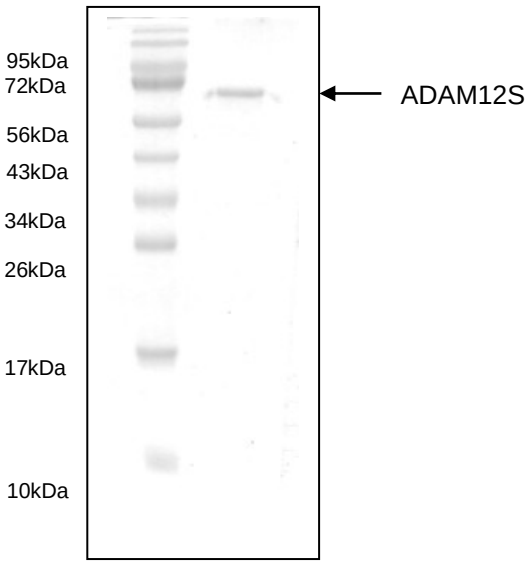
Synonym: A Disintegrin and Metalloprotease Domain 12 S isoform; ADAM12 precursor (EC 3.4.24); Meltrin alpha.

Description: 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.

RANDOX 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 hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid

Purity: >95% by SDS-PAGE



References: Primakoff, P. & Myles D.G. (2000) *Trends Genetics* **16 (2)**: 83-87.