

ADAMTS15 Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP21405a**Specification**

ADAMTS15 Blocking Peptide (N-Term) - Product InformationPrimary Accession [Q8TE58](#)**ADAMTS15 Blocking Peptide (N-Term) - Additional Information****Gene ID** 170689**Other Names**

A disintegrin and metalloproteinase with thrombospondin motifs 15, ADAM-TS 15, ADAM-TS15, ADAMTS-15, 3424-, ADAMTS15

Target/Specificity

The synthetic peptide sequence is selected from aa 29-39 of HUMAN ADAMTS15

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ADAMTS15 Blocking Peptide (N-Term) - Protein Information**Name** ADAMTS15**Function**

Metalloprotease which has proteolytic activity against the proteoglycan VCAN, cleaving it at the 'Glu-1428-|-1429-Ala' site. Cleaves VCAN in the pericellular matrix surrounding myoblasts, facilitating myoblast contact and fusion which is required for skeletal muscle development and regeneration.

Cellular Location

Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:P59384}. Cell surface {ECO:0000250|UniProtKB:P59384}

Tissue Location

Expressed in fetal liver and kidney, but not in any of the adult tissues examined.

ADAMTS15 Blocking Peptide (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ADAMTS15 Blocking Peptide (N-Term) - Images**ADAMTS15 Blocking Peptide (N-Term) - References**

Cal S.,et al.Gene 283:49-62(2002).

Sjoeblom T.,et al.Science 314:268-274(2006).