

ADAM17

Synthetic Human TACE/ADAM17 (aa 807-823)(CT) Blocking Peptide

Catalog No. PX083BP **Quantity:** 50 µg

Alternate Names: CD156b, MGC71942, TACE, cSVP, TNF-alpha converting enzyme, a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme), snake venom-like protease, tumor necrosis factor, alpha, converting enzyme, disintegrin and metalloproteinase domain-containing protein 17, ADAM 17, TNF-alpha convertase, snake venom-like protease, TNF-alpha converting enzyme, TNF-alpha-converting enzyme, ADAM metalloproteinase domain 18, tumor necrosis factor, alpha, converting enzyme

Description: Amino acids 807 to 823 of human TACE.

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene functions as a tumor necrosis factor-alpha converting enzyme; binds mitotic arrest deficient 2 protein; and also plays a prominent role in the activation of the Notch signaling pathway.

Gene ID: 9530

Application: The peptide is used for blocking the activity of anti-TACE. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.

Formulation: It is supplied as 200 µg/ml, 50 µg/vial, in PBS pH7.2 (10 mM NaH₂PO₄, 10 mM, Na₂HPO₄, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Sequence: ASFKLQRQNRVDSKETE

Storage & Stability: Store at -20°C, stable for one year.

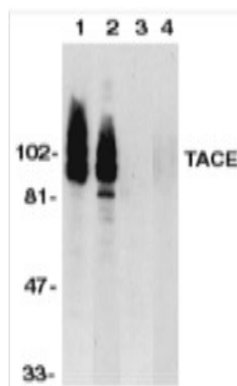


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E (C-Terminus) Peptide



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