

## Datasheet

### ADAM17 (Human) Recombinant Protein (Q01)

**Catalog Number:** H00006868-Q01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human ADAM17 partial ORF ( NP\_003174, 215 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

RADPDPMKNTCKLLVVADHRFYRYMGRGEEESTTTNY  
LIELIDRVDDIYRNTSWDNAGFKGYGIEQIRILKSPQE  
VKPGEKHYNMAKSYPNEEKDAWDV

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 36.74

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6868

**Gene Symbol:** ADAM17

**Gene Alias:** CD156b, MGC71942, TACE, cSVP

**Gene Summary:** 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. [provided by RefSeq]