

Recombinant Human ADAM17 protein, His-tagged

Cat. No. ADAM17-2733H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAM17 protein(215-564 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	215-564 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

RADPDPMKNTCKLLVADHRFYRYMGRGEESTTTNYLIELIDRVDDIYRNTSWDNA
 GFKGYGIQIEQIRILKSPQEVKPGGEKHYNMAKSYPNEEKDAWDVKMLLEQFSFDIAE
 EASKVCLAHLFTYQDFDMGTLGLAYVGSPRANSHGGVCPKAYYSPVGKKNIYLNLSG
 LTSTKNYGKILTKEADLVTTHELGHNFGEHDPDGLAEAPNEDQGGKYVMYPIAV
 SGDHENNKMFNSCKQSIYKTIESKAQECFQERSNKVCGNSRVDEGEEDPGIMYL
 NNDTCCNSDCTLKEGVQCSDRNSPCKKNCQFETAQKKCQEAINATCKGVSYCTGN
 SSECPPPGNAEDD

GENE INFORMATION
Gene Name

[ADAM17 ADAM metalloproteinase domain 17 \[Homo sapiens \]](#)

Official Symbol

[ADAM17](#)

Synonyms

ADAM17; ADAM metalloproteinase domain 17; TACE, tumor necrosis factor, alpha, converting enzyme; disintegrin and metalloproteinase domain-containing protein 17; CD156B; cSVP; TNF-alpha convertase; snake venom-like protease; TNF-alpha converting enzyme; ADAM metalloproteinase domain 18; tumor necrosis factor, alpha, converting enzyme; CSVP; TACE; NISBD; ADAM18;

Gene ID

[6868](#)

mRNA Refseq

[NM_003183](#)

Protein Refseq

[NP_003174](#)

MIM

[603639](#)

UniProt ID

[P78536](#)

SDS-PAGE



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