

Recombinant Full Length Human Disintegrin And Metalloproteinase Domain-Containing Protein 17(Adam17) Protein, His-Tagged

Cat. No. RFL-25931HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Disintegrin and metalloproteinase domain-containing protein 17(ADAM17) Protein (P78536) (215-824aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length of Mature Protein (215-824)

Form Lyophilized powder

AA Sequence

RADPDPMKNTCKLLVADHRFYRYMGRGEESTTTNYLIELIDRVDDIYRNTSWDNA
 GFKGYGIQIEQIRILKSPQEVKPGEKHYNMAKSYPNEEKDAWDVKMLLEQFSFDIAE
 EASKVCLAHLFTYQDFDMGTLGLAYVGS PRANSHGGVCPKAYYSPVGKKNIYLNSG
 LTSTKNYGKILTKEADLVTTHELGHNF GAEHDPDGLAECAPNEDQGGKYVMYPIAV
 SGDHENKMF SNCSKQSIYKTIESKAQECFQERSNKVCGNSRVDEGEEDPGIMYL
 NNDTCCNSDCTLKEGVQCSDRNSPCKKNCQFETAQKKCQEAINATCKGVS YCTGN
 SSECPPPGNAEDDTVCLDLGKCKDGKCI PFCEREQQLESCACNETDNSCKVCCRD
 LSGRCVPYVDAEQKNLFLRKGK PCTVGFCDMNGKCEKRVQDVIERFWDFIDQLSIN
 TFGKFLADNIVGSLVFLIFWIPFSILVHCVDK KLDKQYESLSLFHPSNVEMLSMDS
 ASVRIIKPFPAPQTPGRLQPAPVIP SAPAAPKLDHQRM DTIQEDPSTDSHMDE DGF E

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KDPFPNSSTAAKSFEDLTDHPVTRSEKAASFQKLRQNRVDSKETEC

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name ADAM17

Synonyms ADAM17; CSVP; TACE; Disintegrin and metalloproteinase domain-containing protein 17; ADAM 17; Snake venom-like protease; TNF-alpha convertase; TNF-alpha-converting enzyme; CD antigen CD156b

UniProt ID [P78536](https://www.uniprot.org/entry/P78536)

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