

APRIL/ TNFSF13/ TRDL-1 α (N-Flag-His), Human, Recombinant

货号 : PCK107

产品信息

别名	Tumor necrosis factor Ligand superfamily member 13; A proliferation-inducing Ligand; APRIL; TNF- and APOL-related leukocyte expressed Ligand 2; TALL-2; TNF-related death Ligand 1; TRDL-1; CD256; TNFSF13
物种	Human
表达宿主	Human Cells
序列信息	Lys112-Leu250
检索号	O75888
分子量	50 kDa
生物活性	Immobilized Human APRIL -Flag-His at 1 μ g/ml (100 μ l/well) can bind Cynomolgus BCMA-Fc. The ED50 of Cynomolgus BCMA-Fc is 4.23 ng/ml.

产品特性

纯度	>90% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per μ g as determined by LAL test.
保存	Lyophilized protein should be stored at -5~-20 $^{\circ}$ C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8 $^{\circ}$ C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20 $^{\circ}$ C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 1M NaCl, pH8.3.



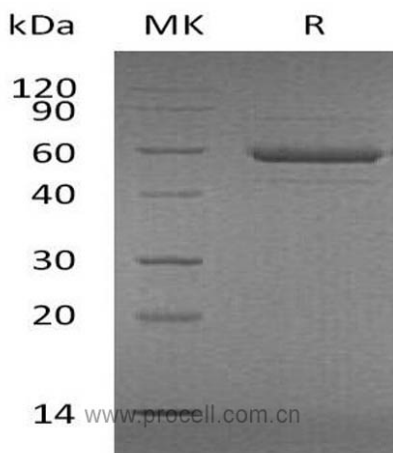
复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

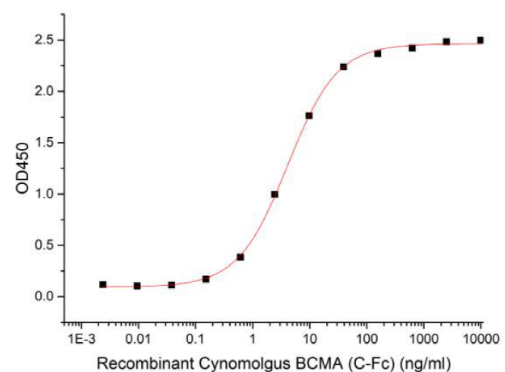
背景介绍

APRIL (a proliferation-inducing Ligand), also known as TNFSF13, TALL2, TRDL1, and CD256, is a member of the TNF Ligand superfamily. It is synthesized as a 32 kDa pro Protein which is cleaved by furin in the Golgi to release the active 17 kDa soluble molecule. Secreted human APRIL, which consists almost entirely of a single TNF homology domain, shares 85% amino acid sequence identity with mouse and rat APRIL. Both APRIL and its close relative BAFF bind and signal through the TNF superfamily Receptors TACI and BCMA, while BAFF additionally functions through BAFF R. APRIL binds to heparan sulfate proteoglycans (HSPGs) independently of its binding to TACI and BCMA.

SDS-PAGE



生物活性



Immobilized Human APRIL-Flag-His at 1µg/ml (100 µl/well) can bind Cynomolgus BCMA-Fc. The ED50 of Cynomolgus BCMA-Fc is 4.23 ng/ml.

