

APRIL/TNFSF13/TRDL-1α (N-Flag-His), Human, Recombinant**Cat. No. : GPCK107****产品信息**

物种	Human
表达宿主	Human Cells
序列信息	Lys112-Leu250
检索号	075888
分子量	50 kDa
有效期	12 months
生物活性	Immobilized Human APRIL -Flag-His at 1 µg/mL (100 µL/well) can bind Cynomolgus BCMA-Fc. The ED50 of Cynomolgus BCMA-Fc is 4.23 ng/mL.

产品特性

内毒素 (EU/µg)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 1 M NaCl, pH 8.3.
复溶	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

APRIL (a proliferation-inducingLigand), 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.

