

32-1045: mAPRIL Recombinant Protein

Alternative Name : Tumor necrosis factor ligand superfamily member 13,A proliferation-inducing ligand,APRIL,CD256,Tnfsf13,April.

Description

Source : Escherichia Coli. APRIL Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 146 amino acids and having a molecular mass of 16.4 kDa. The APRIL is purified by proprietary chromatographic techniques. APRIL which is a part of the TNF ligand superfamily (TNFSF13) is a type II transmembrane protein. Normally, APRIL expression is low in tissues, but is elevated in numerous types of tumors and transformed cell lines. APRIL stimulates proliferation of tumor cell lines and intensifies tumorigenicity in nude mice.

Product Info

Amount : 20 µg
Purification : Greater than 97.0% as determined by Analysis by SDS-PAGE.
Content : Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4, with 0.02 % Tween-20.
Storage condition : Lyophilized APRIL although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution APRIL should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid : AVLTQKHKKK HSVLHLVPVN ITSKADSDVT EVMWQPVLRR GRGLEAQGDI VRVWDTGIYL LYSQVLFHDV TFTMGQVVS R EGQGRRETLF RCIRSMPSDP DRAYNSCYSA GVFHLHQGDI ITVKIPRANA KLSLSPHGTF LGFVKL.

Application Note

It is recommended to reconstitute the lyophilized APRIL in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Determined by a cell proliferation assay using activated T cells.