

APRIL Mouse Recombinant

Item Number	rAP-0783
Synonyms	Tumor necrosis factor ligand superfamily member 13, A proliferation-inducing ligand, APRIL, CD256, Tnfsf13, April.
Description	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.
Uniprot Accession Number	Q9D777
Amino Acid Sequence	AVLTQKHKKK HSVLHLVPVN ITSKADSDVT EVMWQPVLRG GRGLEAQGDI VRVWDTGIYL LYSQVLF-HDV TFTMGQVVSR EGQGRRETLE RCIRSMPSDP DRAYNSCYSA GVFHLHQGDI ITVKIPRANA KLSL-SPHGTF LGFVKL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4, with 0.02 % Tween-20. Greater than 97.0% as determined by Analysis by SDS-PAGE.
Application	
Solubility	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.
Biological Activity	Determined by a cell proliferation assay using activated T cells.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**