9051 Mira Mesa Blvd, #910094
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APRIL Mouse

APRIL Mouse Recombinant
CYK0061

Product Overview

Name	APRIL Mouse
Description	
APRIL Mouse Recombinant	
Accession (Primary)	Q9D777
Synonyms	
Tumor necrosis factor ligand superfamily member 13, A proliferation-inducing ligand, APRIL, CD256, Tnfsf13, April.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4, with 0.02 % Tween-20.	
Stability	
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.	
Purity	
Greater than 97.0% as determined by Analysis by SDS-PAGE.	
Amino acid sequence	
AVLTQKHKKK HSVLHLVPVN ITSKADSDVT EVMWQPVLRR GRGLEAQGDI VRVWDTGIYL LYSQVLFHDV TFTMGQVVSR EGQGRRETLF RCIRSMPSDP DRAYNSCYSA GVFHLHQGDI ITVKIPRANA KLSLSPHGTF LGFVKL.	
Biological Activity	
Determined by a cell proliferation assay using activated T cells.	
Solubility	

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It is recommended to reconstitute the lyophilized APRIL in sterile 18M-cm H 2 O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

APRIL Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9D777)