

Datasheet for ABIN2017647
TNFSF13 Protein (AA 50-241)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	TNFSF13
Protein Characteristics:	AA 50-241
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Characteristics:	Measured by its ability to induce cell proliferation of RPMI 8226 Cells. AA 50-241, expressed with an N-terminal Met.
Purity:	> 95 % by SDS-PAGE and HPLC analyses
Endotoxin Level:	< 0.2 EU/µg, determined by LAL method.

Target Details

Target:	TNFSF13
Alternative Name:	A Proliferation-Inducing Ligand (April) (TNFSF13 Products)
Background:	A Proliferation-inducing Ligand (April) also known as TNSF13A, Tall-2, and TRDL-1, is a member of the TNF ligand (TNFL) superfamily. April is most similar to B-cell activation factor (BAFF) with which it shares 30 % sequence identity, compete for two receptors, TACI and BCMA. APRIL is expressed at low levels in lymphoid tissue and is over-expressed by a number of tumors. April has a proliferative effect on both normal and tumor cell lines in vitro and in vivo.

Target Details

APRIL seems to be involved in the regulation of death and proliferation of tumor cells, but there are still contradictory findings regarding its overall biological effects. Recombinant mouse A Proliferation-inducing Ligand (rmApril) produced in E. coli is a single non-glycosylated polypeptide chain containing 192 amino acids. A fully biologically active molecule, rmApril has a molecular mass of 21.9 kDa analyzed by reducing SDS-PAGE.

Synonyms: A proliferating-inducing ligand, TNFSF13, TRDL-1 alpha.

Molecular Weight:	21.9 kDa, observed by reducing SDS-PAGE.
UniProt:	Q9D777
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Reconstituted in ddH2O at 100 µg/mL.
Buffer:	Lyophilized after extensive dialysis against 20 mM acetic acid.
Storage:	-80 °C
Storage Comment:	Lyophilized recombinant mouse A Proliferation-inducing Ligand (rmApril) remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, rmApril should be stable up to 2 weeks at 4°C or up to 3 months at -20°C.
Expiry Date:	6 months