

# Recombinant mouse APRIL/TNFSF13 protein ab50096

### Description

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<b>Product name</b>	Recombinant mouse APRIL/TNFSF13 protein
<b>Biological activity</b>	Measured by its ability to induce cell proliferation of activated T cells.
<b>Purity</b>	> 95 % SDS-PAGE. Greater than 98% by SDS-PAGE and HPLC analyses.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Mouse
<b>Sequence</b>	MRREVSRLQR SGGPSQKQGE RPWQSLWEQS PDVLEAWKDG AKSRRRRRAVL TQKHKKKHSV LHLVPVNITS KDSDVTEVMW QPVLRRGRGL EAQGDIVRVW DTGMYLLYSQ VLFHDVTFM GQVVSREGQG RRETLFRCIR SMPSDPDRAY NSCYSAGVFH LHQGDITVK IPRANAKLSL SPHGTFLLGFV KL

### Specifications

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Our **Abpromise guarantee** covers the use of **ab50096** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE Functional Studies
<b>Form</b>	Lyophilized

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>Reconstitution</b>	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

## General Info

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<b>Function</b>	Cytokine that binds to TNFRSF13B/TACI and to TNFRSF17/BCMA. May be implicated in the regulation of tumor cell growth. May be involved in monocyte/macrophage-mediated immunological processes.
<b>Tissue specificity</b>	Expressed at high levels in transformed cell lines, cancers of colon, thyroid, lymphoid tissues and specifically expressed in monocytes and macrophages.
<b>Sequence similarities</b>	Belongs to the tumor necrosis factor family.
<b>Post-translational modifications</b>	The precursor is cleaved by furin.
<b>Cellular localization</b>	Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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