

Product datasheet

Recombinant human APRIL/TNFSF13 protein (Active) ab245783

Description

Product name	Recombinant human APRIL/TNFSF13 protein (Active)	
Biological activity	Determined by its ability to induce NF-κB activation in HEK293-NF-κB reporter cells transfected with BCMA receptor.	
Purity	> 95 % SDS-PAGE. Greater than 95% by HPLC analyses.	
Expression system	Insect cells	
Accession	<u>O75888</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	AVLTKQKQKKQHSVLHLVPINATSKDDSDVTEVMWQPALR RGRGLQAQGYG VRIQDAGVYLLYSQVLFQDVTFTMGQVVSREGQGRQETLF RCIRSMPSHP DRAYNSCYSAGVFHLHQGDILSVIIPRARAKLNLSPHGTF GFVKL	
Predicted molecular weight	16 kDa	
Amino acids	105 to 250	
Additional sequence information	Full-length mature chain lacking the pro-peptide.	

Specifications

Our **Abpromise guarantee** covers the use of **ab245783** in the following tested applications.

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

Applications	Functional Studies
	SDS-PAGE
	HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: 0.16% Sodium phosphate, 2.9% Sodium chloride, 5% Trehalose This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Reconstitute in water to 0.1 - 0.5 mg/ml.

General Info

Function	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.
Tissue specificity	Expressed at high levels in transformed cell lines, cancers of colon, thyroid, lymphoid tissues and specifically expressed in monocytes and macrophages.
Sequence similarities	Belongs to the tumor necrosis factor family.
Post-translational modifications	The precursor is cleaved by furin.
Cellular localization	Secreted.

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

- 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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