

Recombinant human TNFAIP3 protein ab198780

2 Images

Description

Product name	Recombinant human TNFAIP3 protein		
Biological activity	Specific Activity: 10.5 pmol/min/μg Assay Conditions: Reaction was performed in 50 mM Tris, pH 7.4, 1 mM DTT, 0.5 mM EDTA, 500 nM Ub-AMC, and ab198780. Reaction was incubated at 37°C for 15 min. and fluorescent signal was measured at excitation = 340 nm, and emission = 460 nm.		
Purity	> 95 % SDS-PAGE.		
Expression system	Escherichia coli		
Accession	<u>P21580</u>		
Protein length	Protein fragment		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	MHHHHHHAEQVLPQALYLSNMRKAVKIRERTPEDIFKPTN GIIHHFKTMH RYTLEMFRTCQFCPQFREIIHKALIDRNIQATLESQKKLNWC REVRKLVA LKTNGDGNCLMHATSQYMWGVQDSDLVLRKALFSTLKET DTRNFKFRWQL ESLKSQEFVETGLCYDTRNWNDEWDNLIKMASTDTPMAR SGLQYNSLEEI HIFVLCNILRRPIIVISDKMLRSLESGSNFAPLKVGGMPLH WPAQECY RYPMLGYDSHHFVPLVTLKDSGPEIRAVPLVNRDRGRFE DLKVHFLTDP ENEMKEKLLKEYLMVIEIPVQGWDHGTTHLINAAKLDEANL PKEINLVDD YFELVQHEYKKWQ		
Predicted molecular weight	43 kDa including tags		
Amino acids	2 to 357		
Tags	His tag N-Terminus		
Additional sequence information	NM_006290.		

Specifications

Our **Abpromise guarantee** covers the use of **ab198780** 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
Form	Liquid

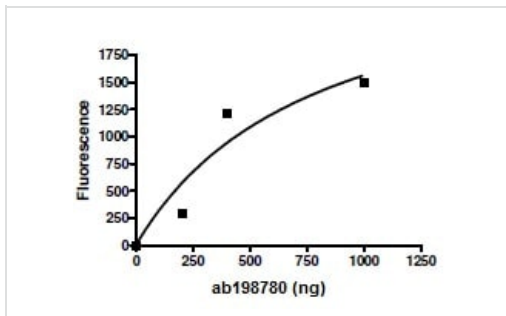
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.
	pH: 8.00
	Preservative: 1.7% Imidazole
	Constituents: 0.63% Tris HCl, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine)
	This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

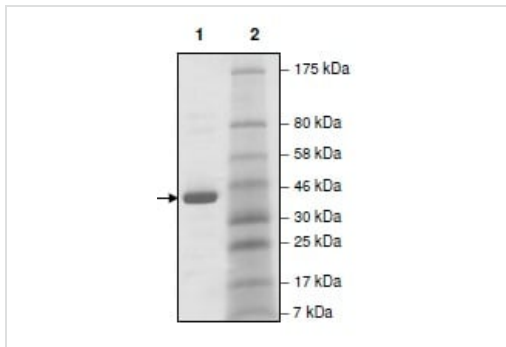
Function	Ubiquitin-editing enzyme that contains both ubiquitin ligase and deubiquitinase activities. Essential component of a ubiquitin-editing protein complex, comprising also RNF11, ITCH and TAX1BP1, that ensures the transient nature of inflammatory signaling pathways. Upon TNF stimulation, deubiquitinates 'Lys-63'-polyubiquitin chains on RIPK1 and catalyzes the formation of 'Lys-48'-polyubiquitin chains. This leads to RIPK1 proteasomal degradation and consequently termination of the TNF- or LPS-mediated activation of NF-kappa-B. In vitro able to deubiquitinate both 'Lys-48'- and 'Lys-63' polyubiquitin chains. Inhibitor of programmed cell death. Has a role in the function of the lymphoid system.
Sequence similarities	Belongs to the peptidase C64 family. Contains 7 A20-type zinc fingers. Contains 1 OTU domain.
Domain	The A20-type zinc fingers mediate the ubiquitin ligase activity. The OTU domain mediates the deubiquitinase activity.
Cellular localization	Cytoplasm. Nucleus.

Images



Specific activity of ab198780.

Functional Studies - Recombinant human TNFAIP3 protein (ab198780)



10% SDS-PAGE analysis of ab198780 with Coomassie staining.

Lane 1: 3 µg ab198780

Lane 2: Protein marker

SDS-PAGE - Recombinant human TNFAIP3 protein (ab198780)

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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors