abcam

Product datasheet

Recombinant Human TRAF1 protein ab95858

1 Image

Description

Product name	Recombinant Human TRAF1 protein
Purity	> 95 % SDS-PAGE. ab95858 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q13077
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	**MGSSHHHHHH SSGLVPRGSH M**DGTFLWKIT NVTRRCHESA CGRTVSLFSP AFYTAKYGYK LCLRLYLNGD GTGKRTHLSL FIVIMRGEYD ALLPWPFRNK VTFMLLDQNN REHAIDAFRP DLSSASFQRP QSETNVASGC PLFFPLSKLQ SPKHAYVKDD TMFLKCIVET ST
Predicted molecular weight	20 kDa including tags
Amino acids	266 to 416
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab95858** in the following tested applications.

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

Applications	SDS-PAGE Mass Spectrometry
Form	Liquid

Preparation and Storage

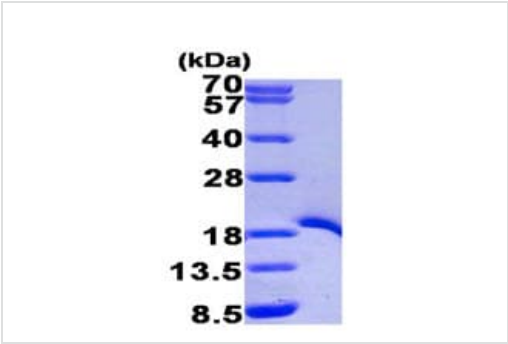
Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00
Constituents: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function	Adapter molecule that regulates the activation of NF-kappa-B and JNK. Plays a role in the regulation of cell survival and apoptosis. The heterotrimer formed by TRAF1 and TRAF2 is part of a E3 ubiquitin-protein ligase complex that promotes ubiquitination of target proteins, such as MAP3K14. The TRAF1/TRAF2 complex recruits the antiapoptotic E3 protein-ubiquitin ligases BIRC2 and BIRC3 to TNFRSF1B/TNFR2.
Sequence similarities	Contains 1 MATH domain.
Domain	The coiled coil domain mediates homo- and hetero-oligomerization. The MATH/TRAF domain binds to receptor cytoplasmic domains. Cleavage by CASP8 liberates a C-terminal fragment that promotes apoptosis and inhibits the activation of NF-kappa-B in response to TNF signaling.
Post-translational modifications	Polyubiquitinated by BIRC2 and/or BIRC3, leading to its subsequent proteasomal degradation.

Images



SDS-PAGE - Recombinant Human TRAF1 protein (ab95858)

15% SDS-PAGE showing ab95858 at approximately 19.5kDa (3µg).

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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