

Product datasheet

Recombinant Human TNFAIP3 protein ab132088

1 Image

Description

Product name	Recombinant Human TNFAIP3 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MAEQVLPQALYLSNMRKAVKIRERTPEDIFKPTNGIIHHFKT MHRYTLEM FRTCQFCPQFREIIHKALIDRNIQATLESQKKLNWCREVRK LVALKTNGD GNCLMHATSQYMWGVQDSDLVLRKALFSTLKETDTRNFK FRWQLESLKSQ EFVETGLCYDTRNWNDEWDNLIKMASTDTPMARSGLQYN SLEEIHIFVLC NILRRPIIVISGEMPADHGSVLKCFQPYALAPGENHTAKVQ VTEFNGI
Predicted molecular weight	55 kDa including tags
Amino acids	1 to 248

Specifications

Our **Abpromise guarantee** covers the use of **ab132088** in the following tested applications.

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

Applications	Western blot SDS-PAGE ELISA
Form	Liquid

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

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

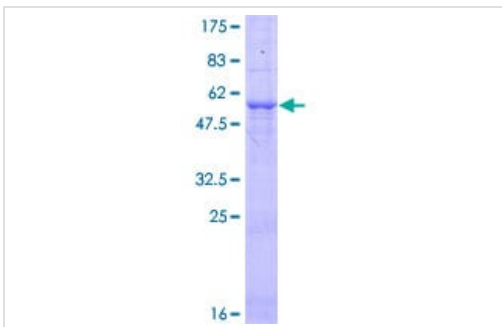
The A20-type zinc fingers mediate the ubiquitin ligase activity.

The OTU domain mediates the deubiquitinase activity.

Cellular localization

Cytoplasm. Nucleus.

Images



12.5% SDS-PAGE stained with Coomassie Blue showing ab132088 at approximately 55.3 kDa.

SDS-PAGE - Recombinant Human TNFAIP3 protein
(ab132088)

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