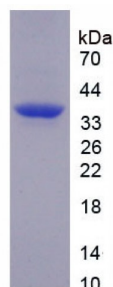


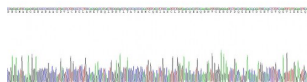
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK  
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: [info@abbexa.com](mailto:info@abbexa.com)

## Human Tumor Necrosis Factor Alpha Induced Protein 3 Interacting Protein 2 (TNIP2) Protein

Catalogue No.: abx069535



SDS-PAGE analysis of recombinant Human TNIP2 Protein.



Gene sequencing extract of Human TNIP2.

Recombinant Tumor Necrosis Factor Alpha Induced Protein 3 Interacting Protein 2 (TNIP2) is a recombinant protein from Human. It is produced in *E. coli* using Prokaryotic expression.

<b>Target:</b>	Tumor Necrosis Factor Alpha Induced Protein 3 Interacting Protein 2 (TNIP2)
<b>Origin:</b>	Human
<b>Host:</b>	<i>E. coli</i>
<b>Tested Applications:</b>	WB, SDS-PAGE
<b>Purity:</b>	> 90%
<b>Form:</b>	Lyophilized
<b>Reconstitution:</b>	Reconstitute in 20 mM Tris, 150 mM NaCl, pH 8.0, to a concentration of 0.1-1.0 mg/ml. Do not vortex.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
<b>Expression:</b>	Recombinant

**Molecular Weight:** 32.2 kDa (Predicted Molecular Mass), 37 kDa (Accurate Molecular Mass as determined by SDS-PAGE)

Possible reasons why the actual band size differs from the predicted band size:

1. Splice variants. Alternative splicing may create different sized proteins from the same gene.
2. Relative charge. The composition of amino acids may affect the charge of the protein.
3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.
4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.
5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.

**Swiss Prot:** [Q8NFZ5](#)

**Sequence Fragment:** Arg127-Gly374

**Sequence:** RRSM AEGERARAAS DVLCSRLANE THQLRRTLTA TAHMCQHLLAK CLDERQHAQR NVGERSPDQS  
EHTDGHTSVQ SVIEKLQEEEN RLLKQKVTHV EDLNAKWQRY NASRDEYVRG LHAQLRGLQI  
PHEPELMRKE ISRLNRQLEE KINDCAEVKQ ELAASRTARD AALERVQMLE QQILAYKDDF  
MSERADRERA QSRIQELEEK VASLLHQVSW RQDSREPDAG RIHAGSKTAK YLAADALELM VPGG

**Tag:** N-terminal His-tag.

**Activity:** Not tested

**Buffer:** Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose and Proclin-300.

**Note:** This product is for research use only.