

[Go to Product page](#)

## Datasheet for ABIN7319187 ZBP1 Protein (His tag)

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 50 µg                                       |
| Target:                       | ZBP1  |
| Origin:                       | Human                                       |
| Source:                       | Escherichia coli (E. coli)                  |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This ZBP1 protein is labelled with His tag. |

### Product Details

|                  |  |
|------------------|--|
| Purpose:         | Recombinant Human ZBP1 Protein (His Tag)   |
| Sequence:        | Met 1-Ser149   |
| Characteristics: | Recombinant Human Z-DNA Binding Protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Ser149 is expressed with a 6His tag at the C-terminus. |
| Purity:          | > 85 % as determined by reducing SDS-PAGE.   |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method.   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | ZBP1   |
| Alternative Name: | ZBP1 ( <a href="#">ZBP1 Products</a> )   |
| Background:       | Background: Z-DNA Binding Protein 1 (ZBP1) is a protein with 2 DRADA repeats. ZBP1 is highly expressed in lymphatic tissues including lymph node, leukocytes, tonsil, bone marrow, and spleen. ZBP1 participates in the detection of viral and bacterial DNA from by the host's innate |

## Target Details

immune system. It plays a role in host defense against tumors and pathogens. ZBP1 Acts as a cytoplasmic DNA sensor which, when activated, induces the recruitment of TBK1 and IRF3 to its C-terminal region and activates the downstream interferon regulatory factor (IRF) and NF-kappa B transcription factors, leading to type-I interferon production. ZBP1-induced NF-kappaB activation probably involves the recruitment of the RHIM containing kinases RIPK1 and RIPK3. Synonym: Z-DNA-Binding Protein 1, Tumor Stroma and Activated Macrophage Protein DLM, ZBP1, C20orf183, DLM1

Molecular Weight: 17.5 kDa

UniProt: [Q9H171](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.