

# Recombinant Human Tumor Necrosis Factor, Alpha-Induced Protein 1 (Endothelial), T7-tagged

**Cat. No.** TNFAIP1-3005H    **Lot. No.** (See product label)

## SPECIFICATION

|                                 |                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant Human TNFAIP1 protein was expressed in E.coli with T7-tag at the N-terminus. The molecular weight is 36204 Da(316 aa).                                                                                                                                                                                                                                                           |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>                   | E.coli                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>              | BTB/POZ domain-containing protein TNFAIP1 is a protein that in humans is encoded by the TNFAIP1 gene. This gene was identified as a gene whose expression can be induced by the tumor necrosis factor alpha (TNF) in umbilical vein endothelial cells. Studies of a similar gene in mouse suggest that the expression of this gene is developmentally regulated in a tissue-specific manner. |
| <b>Sequences of amino acids</b> | 1-316 aa                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Formulation</b>              | 10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN <sub>3</sub> .                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>                   | 95%                                                                                                                                                                                                                                                                                                                                                                                          |

## GENE INFORMATION

|                  |                                                                                       |
|------------------|---------------------------------------------------------------------------------------|
| <b>Gene Name</b> | TNFAIP1 tumor necrosis factor, alpha-induced protein 1 (endothelial) [ Homo sapiens ] |
| <b>Synonyms</b>  | B12; B61; EDP1; MGC2317; hBACURD2; BTB/POZ domain-containing adapter for              |

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|                     |                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------|
|                     | CUL3-mediated RhoA degradation protein 2; BTB/POZ domain-containing protein TNFAIP1                                          |
| Gene ID             | 7126                                                                                                                         |
| mRNA Refseq         | NM_021137                                                                                                                    |
| Protein Refseq      | NP_066960                                                                                                                    |
| MIM                 | 191161                                                                                                                       |
| UniProt ID          | Q13829                                                                                                                       |
| Chromosome Location | 17q22-q23                                                                                                                    |
| Function            | GTP-Rho binding; protein binding; contributes_to ubiquitin-protein ligase activity; voltage-gated potassium channel activity |

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