

Full-Length

# TNFAIP1 (Human) Recombinant Protein (P01)

Catalog # H00007126-P01

Size 50 ug

## Specification

|                               |                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Human TNFAIP1 full-length ORF (BAG35304.1, 1 a.a. - 316 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                              |
| Sequence                      | MSGDTCLCPASGAKPKLSGFKGGGLGNKYVQLNVGGSYYTTVRALTRHDTMLKAMFSGRMEV<br>LTDKEGWILIDRCGKHFGTILNYLRDDTITLPQNRQEIKELMAEAKYYLIQGLVNMCSALQDKKDSY<br>QPVCNIPITSLKEEERLIESSTKPVVKLLYNRSNNKYSYTSNSDDHLLKNIELFDKLSLRFNGRVLFI<br>KDVIGDEICCWFSFYGGQRKLAEVCCTSIYATEKKQTKVEFPEARMEETLNVLLEYETPRVPDNSLL<br>EATSRSRSQASPSSEDEETFELRDRVRRIHVKRYSTYDDRQLGHQSTHRD |
| Host                          | Wheat Germ (in vitro)                                                                                                                                                                                                                                                                                                                      |
| Theoretical MW (kDa)          | 61.16                                                                                                                                                                                                                                                                                                                                      |
| Interspecies Antigen Sequence | Mouse (97); Rat (96)                                                                                                                                                                                                                                                                                                                       |
| Preparation Method            | <a href="#">in vitro wheat germ expression system</a>                                                                                                                                                                                                                                                                                      |
| Purification                  | Glutathione Sepharose 4 Fast Flow                                                                                                                                                                                                                                                                                                          |
| Storage Buffer                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                   |
| Storage Instruction           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                            |
| Note                          | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                     |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

## Gene Info — TNFAIP1

|                     |                                                                                                                                                                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">7126</a>                                                                                                                                                                                                                                                                                        |
| GeneBank Accession# | <a href="#">AK312387.1</a>                                                                                                                                                                                                                                                                                  |
| Protein Accession#  | <a href="#">BAG35304.1</a>                                                                                                                                                                                                                                                                                  |
| Gene Name           | TNFAIP1                                                                                                                                                                                                                                                                                                     |
| Gene Alias          | B12, B61, EDP1, MGC2317                                                                                                                                                                                                                                                                                     |
| Gene Description    | tumor necrosis factor, alpha-induced protein 1 (endothelial)                                                                                                                                                                                                                                                |
| Omim ID             | <a href="#">191161</a>                                                                                                                                                                                                                                                                                      |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                   |
| Gene Summary        | 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. [provided by RefSeq] |
| Other Designations  | tumor necrosis factor, alpha-induced protein 1                                                                                                                                                                                                                                                              |

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