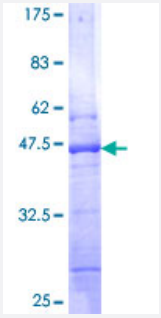
Full-Length

# BIK (Human) Recombinant Protein (P01)

Catalog # H00000638-P01 Size 25 ug, 10 ug

## Applications




## Specification

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| **Product Description** | Human BIK full-length ORF ( AAH01599, 1 a.a. - 160 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Sequence** | MSEVRPLSRDILMETLLYEQLLEPPTMEVLGMTDSEEDLDPMEDFDSLECMEGSDALALRLACIG DEMDVSLRAPRLAQLSEVAMHSLGLAFIYDQTEDIRDVLRSFMDGFTTLKENIMRFWRSPNPGSW VSCEQVLLALLLLLALLLPLLSGGLHLLLK |
| **Host** | Wheat Germ (in vitro) |
| **Theoretical MW (kDa)** | 43.23 |
| **Interspecies Antigen Sequence** | Mouse (43); Rat (46) |
| **Preparation Method** | *in vitro* wheat germ expression system |
| **Purification** | Glutathione Sepharose 4 Fast Flow |
| **Quality Control Testing** | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| **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. |

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| **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 — BIK

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|---|---|
| **Entrez GeneID** | 638 |
| **GeneBank Accession#** | BC001599.1 |
| **Protein Accession#** | AAH01599 |
| **Gene Name** | BIK |
| **Gene Alias** | BIP1, BP4, NBK |
| **Gene Description** | BCL2-interacting killer (apoptosis-inducing) |
| **Omim ID** | 603392 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is known to interact with cellular and viral survival-promoting pro teins, such as BCL2 and the Epstein-Barr virus in order to enhance programed cell death. Becau se its activity is suppressed in the presence of survival-promoting proteins, this protein is suggest ed as a likely target for antiapoptotic proteins. This protein shares a critical BH3 domain with othe r death-promoting proteins, BAX and BAK. [provided by RefSeq |
| **Other Designations** | BCL2-interacting killer\|OTTHUMP00000028974\|apoptosis-inducing NBK |

## Disease

- Ataxia Telangiectasia

- Cardiovascular Diseases
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Edema
- Genetic Predisposition to Disease
- Lymphoma
- Prostatic Neoplasms
- Schizophrenia
- Tobacco Use Disorder