

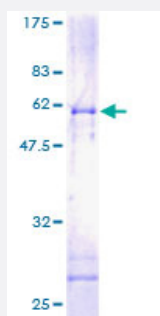
## Full-Length

# EI24 (Human) Recombinant Protein (P01)

Catalog # H00009538-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human EI24 full-length ORF ( AAH02390, 1 a.a. - 340 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MADSVKTFLLQDLARGIKDSIWGICTISKLDARIQQKREEQRRRRASSVLAQRRRAQSIERKQSEPRI  
VSRIFQCCAWNGGVFWFSLLLFYRVFIPVLQSVTARIIGDPSLHGDVWSWLEFFLTISFALSALWVLP  
LFVLSKVVNAMWFQDIADLAFEVSGRKPFPSPVSKIADMLFNLLQALFLIQGMFVSLFPIHLVGQ  
LVSLHMSLLYSLYCFEYRWFNKGIEMHQRLSNIERNWPYYFGFGLPLAFLTAMQSSYISGCLFSIL  
FPLFIISANEAKTPGKAYLFQLRFLSLVVFLSNRLFHKTVYLLQSALSSSTSAEKFPSPHPSPAKLKA  
TSGH

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

63.14

### Interspecies Antigen Sequence

Rat (98)

### 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.

**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 — EI24

**Entrez GeneID**[9538](#)**GeneBank Accession#**[BC002390](#)**Protein Accession#**[AAH02390](#)**Gene Name**

EI24

**Gene Alias**

PIG8, TP53I8

**Gene Description**

etoposide induced 2.4 mRNA

**Omim ID**[605170](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene has higher expression in p53-expressing cells than in control cells and is an immediate-early induction target of p53-mediated apoptosis. The protein encoded by this gene contains six putative transmembrane domains and may suppress cell growth by inducing apoptotic cell death through the caspase 9 and mitochondrial pathways. This gene is located on human chromosome 11q24, a region frequently altered in cancers. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations**

etoposide induced 2.4|tumor protein p53 inducible protein 8

## Pathway

- [p53 signaling pathway](#)