

## Recombinant Full Length Human EI24 Protein, GST-tagged

Cat. No. EI24-4395HF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human EI24 full-length ORF ( AAH02390, 1 a.a. - 340 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	340 amino acids
<b>Description</b>	<p>This gene encodes a putative tumor suppressor and has higher expression in p53-expressing cells than in control cells and is an immediate-early induction target of p53-mediated apoptosis. The encoded protein 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 multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 1, 3, 7, and 8. [provided by RefSeq, Feb 2014]</p>
<b>Molecular Mass</b>	63.14 kDa
<b>AA Sequence</b>	<p>MADSVKTFLLQDLARGIKDSIWGICTISKLDARIQQKREEQRRRRASSVLAQRRRAQSIE            RKQESEPRIVSRIFQCCAWNGGVFWFSLLLFYRVFIPVLQSVTARIIGDPSLHGDVW            SWLEFFLTSIFSALWVLPFLVLSKVVNAIWFQDIADLAFEVSGRKPFPFSPVSKIIADM            LFNLLLQALFLIQGMFVSLFPIHLVGLVSLLLHMSLLYSLYCFEYRWFNKGIEMHQRL            SNIERNWPYYFGFGLPLAFLTAMQSSYIISGCLFSILFPLFIISANEAKTPGKAYLFQLR            LFSLVVFLSNRLFHKTVYLQSAALSSSTSAEKFPSPHPSPAKLKATSGH</p>

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	EI24 EI24, autophagy associated transmembrane protein [ Homo sapiens (human) ]
<b>Official Symbol</b>	EI24
<b>Synonyms</b>	<p>           EI24; EI24, autophagy associated transmembrane protein; EI24, Autophagy Associated Transmembrane Protein; P53-Induced Gene 8 Protein; Etoposide Induced 2.4; PIG8; Ectopic P-Granules Autophagy Protein 4 Homolog (C. Elegans); Ectopic P-Granules Autophagy Protein 4 Homolog; Etoposide-Induced Protein 2.4 Homolog; Tumor Protein P53 Inducible Protein 8; Etoposide Induced 2.4 MRNA; TP53I8; EPG4; etoposide-induced protein 2.4 homolog; ectopic P-granules autophagy protein 4 homolog; etoposide induced 2.4; p53-induced gene 8 protein; tumor protein p53 inducible protein 8         </p>
<b>Gene ID</b>	9538
<b>mRNA Refseq</b>	NM_001290135
<b>Protein Refseq</b>	NP_001277064

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<b>MIM</b>	605170
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<b>UniProt ID</b>	O14681
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