

Recombinant Human EI24 Protein, GST-tagged

Cat. No. EI24-3138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EI24 full-length ORF (AAH02390, 1 a.a. - 340 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	63.14 kDa
AA Sequence	MADSVKTFLLQDLARGIKDSIWGICTISKLDARIQQKREEQRRRRASSVLAQRRRAQSIE RKQSEPRIVSRIFQCCAWNGGVFWFSLLLFYRVFIPVLQSVTARIIGDPSLHGDVW SWLEFFLTSLFSAWVLPFLVLSKVVNIAWFQDIADLAFEVSGRKPHFPSPSVSKIIADM LFNLLLQALFLIQGMFVSLFPIHLVGQLVSLHMSLLYSLYCFEYRWFNKGIEMHQRL SNIERNWPYYFGFGLPLAFLTAMQSSYIISGCLFSILFPLFIISANEAKTPGKAYLFQLR LFSLVVFLSNRLFHKTVYLQSALSSSTSAEKFSPSPHPSPAKLKATSGH
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EI24 EI24, autophagy associated transmembrane protein [Homo sapiens (human)]
Official Symbol	EI24
Synonyms	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
Gene ID	9538
mRNA Refseq	NM_001290135
Protein Refseq	NP_001277064

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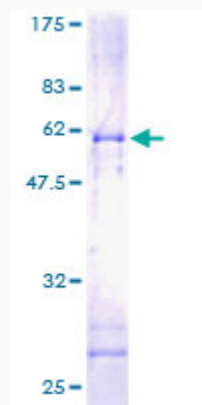
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MIM 605170

UniProt ID O14681

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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