

Recombinant Full Length Human EI24 Protein, GST-tagged

Cat. No. EI24-4395HF **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	In Vitro Cell Free System
ProteinLength	340 amino acids
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	MADSVKTFLQDLARGIKDSIWGICTISKLDARIQQKREEQRRRRASSVLAQRRRAQSIE RKQSEPRIVSRIFQCCAWNGGVFWFSLLLFYRVFIPVLQSVTARIIGDPSLHGDVW SWLEFFLT SIFSALWVLPLFVLSKVVNAIWFQDIADLAFEVSGRKPHFPSPVSKIIADM LFNLLLQALFLIQGMFVSLFPIHLVGQLVSLHMSLLYSLYCFEYRWFNKGIEMHQRL SNIERNWPYYFGFGLPLAFLTAMQSSYIISGCLFSILFPLFIISANEAKTPGKAYLFQLR LFSLVVFLSNRLFHKTVYQLQSALSSSTSAEKFPSPHPSPAKLKATSGH

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Applications	Enzyme-linked Immunoabsorbent Assay 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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MIM	605170
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UniProt ID	O14681
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