

## Product Information

### MemDX™ Membrane Protein Human EI24 (EI24 autophagy associated transmembrane protein) Full Length

Cat. No.: **MPC2712K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human EI24 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

EI24

##### Protein Length

Full length

##### Protein Class

Transporter

##### TMD

5

##### Sequence

MADSVKTFLLQDLARGIKDSIWGICTISKLDARIQQKREEQRRRRASSVLA  
QRRRAQSIERKQESEPRIVSRIFQCCAWNGGVFWFSLLLFYRVFIPVLQSV  
TARIIGDPSLHGDVWSWLEFFLTSIFSALWVLPFLVLSKVVNAIWFQDIA  
DLAFEVSGRKPHFPFSPVSKIADMLFNLLQALFLIQGMFVSLFPIHLVG  
QLVSLHMSLLYSLYCFEYRWFNKGIEMHQRLSNIERNWPYYFGFGLPLA  
FLTAMQSSYIISGCLFSILFPLFIISANEAKTPGKAYLFQLRFLSLVVFL  
SNRLFHKTIVYLQSALESSSSTSAEKFPSPHPSPAKLKATAGH

#### Product Description

##### Expression Systems

HEK293

##### Tag

Based on specific requirements

##### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

EI24

**Full Name**

EI24 autophagy associated transmembrane protein

**Introduction**

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.

**Alternative Names**

EI24; EPG4; PIG8; TP53I8; 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; EI24 autophagy associated transmembrane protein

**Gene ID**

[9538](#)

**UniProt ID**

[O14681](#)