

# Recombinant Human FOXM1 Protein, His-SUMO/MYC-tagged

Cat. No. FOXM1-1215H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human FOXM1 Protein (235-327aa) was expressed in E. coli with N-terminal His-SUMO tag and C-terminal MYC-tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	235-327 a.a.
<b>Description</b>	The protein encoded by this gene is a transcriptional activator involved in cell proliferation. The encoded protein is phosphorylated in M phase and regulates the expression of several cell cycle genes, such as cyclin B1 and cyclin D1. Several transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	Tris-based buffer, 50% glycerol.
<b>Molecular Mass</b>	31.2 kDa
<b>AA Sequence</b>	ERPPYSYAMAMIQFAINSTERKRMTLKDIYTWIEDHFPYFKHIAKPGWKNSIRHNL <sup>SLH</sup> DMFVRETSANGK VSFWTIHPSANRYLTLDQVFKPL
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

## GENE INFORMATION

<b>Gene Name</b>	FOXM1 forkhead box M1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	FOXM1
<b>Synonyms</b>	MPP2; HFH11; HNF-3; INS-1; MPP-2; PIG29; FKHL16; FOXM1B; HFH-11; TRIDENT; MPHOSPH2; FOXM1
<b>Gene ID</b>	2305
<b>mRNA Refseq</b>	NM_202002.2
<b>Protein Refseq</b>	NP_973731.1
<b>MIM</b>	602341
<b>UniProt ID</b>	Q08050

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