

# Recombinant Full Length Human FOXM1 Protein, GST-tagged

Cat. No. FOXM1-5098HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FOXM1 full-length ORF (ADZ15712.1, 1 a.a. - 748 a.a.) recombinant protein with GST tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	748 amino acids
<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. [provided by RefSeq, Jul 2011]
<b>Molecular Mass</b>	108.7 kDa
<b>AA Sequence</b>	MKTSPRRPLILKRRRLPLPVQNAPSETSEEEPKRSPAQQESNQAEASKEVAESNSC KFPAGIKIINHPTMPNTQVVAIPNNANIHSIITALTAKGKESGSSGPNKFILISCGGAPT QPPGLRPQTQTSYDAKRTEVTLET LGPKPAARDVNLPRPPGALCEQKRETCADGEA AGCTINNSLSNIQWLRKMSSDGLGSRSIKQEMEEKENCHLEQRQVKVEEPSRSPAS WQNSVSERPPYSYAMAMIQFAINSTERKRMTLKDIIYTWIEDHFPYFKHIAKPGWKNSI RHNLSLHDMFVRETSANGKVSFWTIHPSANRYLTL DQVFKQQKRPNP ELRRNMTIK TELPLGARRKMKPLLPRVSSYLVPIQFPVNQSLVLQPSVKVPLPLAASLMSS ELARH SKRVRIAPKVLLAEEGIAPLSSAGPGKEEKLLFGEGFSPLLPVQTIKEEIIQPGEEMP

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HLARPIKVESPPLEEWSPAPSFKEESSHSHWEDSSQSPTPRPKKSYSGLRSPTRCV  
 SEMLVIQHRERRERSRSRRKQHLLPPCVDEPELLFSEGPSTSRWAAELPPADSSD  
 PASQLSYSQEVGGPFKTPIKETLPISSTPSKSVLPRTPEWRLTPPAKVGGLDFSPV  
 QTPQGASDPLPDLGLMDLSTTPLQSAPPLESPQRLLSSEPLDLISVPPFGNSSPSDID  
 VPKPGSPEPQVSGLAANRSLTEGLVLDTMNDLSKILLDISFPGLDEDPLGPDNINW  
 SQFIPELQ

**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** [FOXM1 forkhead box M1 \[ Homo sapiens \]](#)

**Official Symbol** [FOXM1](#)

**Synonyms**  
 FOXM1; forkhead box M1; FKHL16; forkhead box protein M1; HFH 11; HNF 3; INS 1; M phase phosphoprotein 2; MPHOSPH2; MPP2; TGT3; trident; M-phase phosphoprotein 2; HNF-3/fork-head homolog 11; transcription factor Trident; MPM-2 reactive phosphoprotein 2; forkhead-related protein FKHL16; winged-helix factor from INS-1 cells; Forkhead, drosophila, homolog-like 16; hepatocyte nuclear factor 3 forkhead homolog 11; HFH11; HNF-3; INS-1; MPP-2; PIG29; FOXM1B; HFH-11; TRIDENT;

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Gene ID	2305
mRNA Refseq	NM_001243088
Protein Refseq	NP_001230017
MIM	602341
UniProt ID	Q08050

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