

Recombinant Full Length Human FOXM1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human FOXM1 full-length ORF (ADZ15712.1, 1 a.a. - 748 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	748 amino acids
Description	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]
Molecular Mass	108.7 kDa
AA Sequence	MKTSPRRPLILKRRRLPLPVQNAPSETSEEEPKRSPAQQESNQAEASKEVAESNSC KFPAIGIKIINHPTMPNTQVVAIPNNANIHSIITALTAKGKESGSSGPNKFILISCGGAPT QPPGLRPQTQTSYDAKRTEVTLETLGPKPAARDVNLPRPPGALCEQKRETCADGEA AGCTINNSLSNIQWLRKMSSDGLGSRSIKQEMEENKCHLEQRQVKVEEPSRPSAS WQNSVSERPPYSYAMMIQFAINSTERKRMTLKDITYTWIEDHFPYFKHIAKPGWKNSI RHNLSLHDMFVRETSANGKVSFWTIHPSANRYLTLDQVFKQQKRPNPELRRNMTIK TELPLGARRKMKPLLPRVSSYLVPIQFPVNQSLVLQPSVKVPLPLAASLMSSSELARH SKRVRIAPKVLLAEEGIAPLSSAGPGKEEKLFFGEGFSPLLPVQTIKEEIIQPGEEMP

 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

HLARPIKVESPPLEEWSPAPSFKEESSHSWEDSSQSPTPRPKKSYSGLRSPTRCV
SEMLVIQHRERRERSRSRRKQHLLPPCVDEPELLFSEGPSTSRWAAELPPADSSD
PASQLSYSQEVGGPFKTPIKETLPISSTPSKSVLPRTPEWRLTPPAKVGGGLDFSPV
QTPQGASDPLPDPLGLMDLSTTPLQSAPPLESPQRLLSSEPLDLISVPFGNSSPSDID
VPKPGSPEPQVSGLAANRSLTEGLVLDTMNDSLKILLDISFPGLDEDPLGPDNINW
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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