

# Recombinant Full Length Human FOXA1 Protein, GST-tagged

Cat. No. FOXA1-5044HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FOXA1 full-length ORF ( NP_004487.2, 1 a.a. - 472 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	472 amino acids
<b>Description</b>	This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific transcripts such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. [provided by RefSeq]
<b>Molecular Mass</b>	75.5 kDa
<b>AA Sequence</b>	<p>MLGTVKMEGHETSDWNSYYADTQEAYSSVPVSNMNSGLGSMNSMNTYMTMNTM  TTSGNMTPASFNMSYANPGLGAGLSPGAVAGMPGGSAGAMNSMTAAGVTAMGTA  LSPSGMGAMGAQQAASMNGLGPYAAAMNPCMSPMAYAPSNLGRSRAGGGGDAK  TFKRSYPHAKPPYSYISLITMAIQQAPSKMLTLSEIQWIMDLFPYYRQNRQQRWQNSI  RHSLSFNDCFVKVARSPDKPGKGSYWTLHPDSGNMFENGCYLRRQKRFKCEKQP  GAGGGGGSGSGGSGAKGGPESRKDPGASNPSADSPLHRGVHGTGQLEGAPA  PGPAASPQTLDHSGATATGGASELKTPASSTAPPISGPGALASVPASHPAHGLAP  HESQLHLKGDPHYSFNHPFSINNLMSSSEQQHKLDFKAYEQALQYSPYGSTLPASL</p>

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PLGSASVTTRSPIEPSALEPAYYQGVYSRPVLNTS

**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**

FOXA1 forkhead box A1 [ Homo sapiens ]

**Official Symbol**

FOXA1

**Synonyms**

FOXA1; forkhead box A1; hepatocyte nuclear factor 3, alpha, HNF3A; hepatocyte nuclear factor 3-alpha; HNF-3A; TCF-3A; HNF-3-alpha; forkhead box protein A1; transcription factor 3A; hepatocyte nuclear factor 3, alpha; HNF3A; TCF3A; MGC33105;

**Gene ID**

3169

**mRNA Refseq**

NM\_004496

**Protein Refseq**

NP\_004487

**MIM**

602294

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UniProt ID

P55317

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