

Recombinant Full Length Human FOXA1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human FOXA1 full-length ORF (NP_004487.2, 1 a.a. - 472 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	472 amino acids
Description	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]
Molecular Mass	75.5 kDa
AA Sequence	MLGTVKMEGHETSDWNSYYADTQEAYSSVPVSNMNSGLGSMNSMNTYMTMNTM TTSGNMTPASFNMSYANPGLGAGLSPGAVAGMPGGSAGAMNSMTAAGVTAMGTA LSPSGMGAMGAQQAASMNGLGPYAAAMNPCMSPMAYAPSNLGRSRAGGGGDAK TFKRSYPHAKPPYSYISLITMAIQQAPSKMLTLSEIYQWIMDLFPYYRQNQQRWQNSI RHSLSFNDCFVKVARSPDKPGKGSYWTLHPDSGNMFENGCYLRRQKRFKCEKQP GAGGGGGSGSGSGGSAKGGPESRKDPGASNPADSPLHRGVHKGKTGQLEGAPA PGPAASPQTLDHSGATATGGASELKTPASSTAPPISSGPGALASVPASHPAHGLAP HESQLHLKGDPHYSFNHPFSINNLMSSSEQQHKLDFKAYEQALQYSPYGSTLPASL

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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

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