

Recombinant Human FOXA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FOXA1-2518H Lot. No. (See product label)

SPECIFICATION

Product Overview

FOXA1 MS Standard C13 and N15-labeled recombinant protein (NP_004487) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

49.1 kDa

AA Sequence

MLGTVKMEGHETSDWNSYYADTQEAYSSVPVSNMNSGLGSMNSMNTYMTMNTM
 TTSGNMTPASFNMSYANPGLGAGLSPGAVAGMPGGSAGAMNSMTAAGVTAMGTA
 LSPSGMGAMGAQQAASMNGLGPYAAAMNPCMSPMAYAPSNLGRSRAGGGGDAK
 TFKRSYPHAKPPYSYISLITMAIQQAPSKMLTLSEIQWIMDLFPYYRQNQQRWQNSI
 RHSLSFNDCFVKVARSPDKPGKGSYWTLHPDSGNMFENGCYLRRQKRFKCEKQP
 GAGGGGGSGSGGSGAKGGPESRKDPGASNPADSPLHRGVHGTGQLEGAPA
 PGPAASPQTLDHSGATATGGASELKTASSTAPPISGPGALASVPASHPAHGLAP
 HESQLHLKGDPHYSFNHPFSINNLMSSSEQQHKLDFKAYEQALQYSPYGSTLPASL

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	PLGSASVTTRSPIEPSALEPAYYQGVYSRPVLNTSTRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	FOXA1 forkhead box A1 [Homo sapiens (human)]
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

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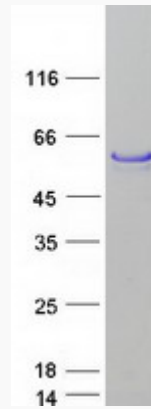
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MIM 602294

UniProt ID P55317

SDS-PAGE



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