

Recombinant Full Length Human FOXA1 Protein, C-Flag-tagged

Cat. No. FOXA1-269HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FOXA1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49 kDa
AA Sequence	MLGTVKMEGHETSDWNSYYADTQEAYSSVPVSNMNSGLGSMNSMNTYMTMNTM TTSGNMTPASFNMSYAN PGLGAGLSPGAVAGMPGGSAGAMNSMTAAGVTAMGT ALSPSGMGAMGAQQAASMNGLGPYAAAMNPNPCMS MAYAPSNLGRSRAGGGGDA KTFKRSYPHAKPPYSYISLITMAIQAPSKMLTLSEIYQWIMDLFPYYRQN QQRWQN SIRHSLSFNDCFVKVARSPDKPGKGSYWTLPDPSGNMFENG CYLRRQKRFKCEKQ PGAGGGGGGS GSGGSGAKGGPESRKDP SGASNPSADSPLHRGVHKGKTGQLEGAP APGPAASPQTLDHSGATATGGASELK TPASSTAPPISSGPGALASVPASHPAHGLA

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PHESQLHLKGDPHYSFNHPFSINNLMSSSEQQHKLDFKAY
EQALQYSPYGSTLPASLPLGSASVTTRSPIEPSALEPAYYQGVYSRPVLNTSTRTRP
LEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	ES Cell Differentiation/IPS, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	FOXA1 forkhead box A1 [Homo sapiens (human)]
Official Symbol	FOXA1
Synonyms	HNF3A; TCF3A
Gene ID	3169
mRNA Refseq	NM_004496.5

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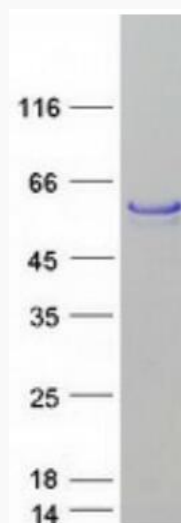
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Protein Refseq NP_004487.2

MIM 602294

UniProt ID P55317



Coomassie blue staining of purified FOXA1 protein.

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