

Product datasheet for PH306045

FOXA1 (NM_004496) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FOXA1 MS Standard C13 and N15-labeled recombinant protein (NP_004487)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206045
Predicted MW:	49.1 kDa
Protein Sequence:	>RC206045 protein sequence Red=Cloning site Green=Tags(s)

MLGTVKMEGHETSDWNSYYADTQEAYSSVPVSNMNSGLGSMNSMNTYMTMNTMTTSGNMTPASFNMSYAN
PGLGAGLSPGAVAGMPGGSAGAMNSMTAAGVTAMGTALSPSGMGAMGAQQAASMNGLGPYAAAMNPCMSP
MAYAPSNLGRSRAGGGDAKTFKRSYPHAKPPYSYISLITMAIQQAPSKMLTLSEIYQWIMDLFPYYRQN
QQRWQNSIRHLSFNDCFVKVARSPDKPGKGSYWTLHPDSGNMFENGCYLRRQKRFKCEKQPGAGGGGGS
GSGGSGAKGGPESRKDPGASNPADSPLHRGVHGKTGQLEGAPAPGPAASPQTLDHSGATATGGASELK
TPASSTAPPISSGPGALASVPASHPAHGLAPHESQLHLKGDPHYSFNHPFSINNLMSSSEQHKLDFKAY
EQALQYSPYGSTLPASLPLGSASVTTRSPIEPSALEPAYYQGVYSRPVLNTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004487
RefSeq Size:	3396
RefSeq ORF:	1416
Synonyms:	HNF3A; TCF3A



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Locus ID: 3169

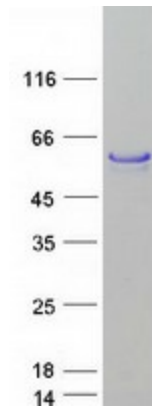
UniProt ID: [P55317](#)

Cytogenetics: 14q21.1

Summary: 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, Jul 2008]

Protein Families: ES Cell Differentiation/IPS, Transcription Factors

Product images:



Coomassie blue staining of purified FOXA1 protein (Cat# [TP306045]). The protein was produced from HEK293T cells transfected with FOXA1 cDNA clone (Cat# [RC206045]) using MegaTran 2.0 (Cat# [TT210002]).