

Product datasheet for **TP306045L**

FOXA1 (NM_004496) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human forkhead box A1 (FOXA1), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC206045 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MLGTVKMEGHETSDWNSYYADTQEAYSSVPVSNMNSGLGSMNSMNTYMTMNTMTTSGNMTPASFNMSYAN
PGLGAGLSPGAVAGMPGGGAGAMNSMTAAGVTAMGTALSPSGMGAMGAQQAASMNGLGPYAAAMNPCMSP
MAYAPSNLGRSRAGGGGDAKTFKRSYPHAKPPYSYISLITMAIQAPSKMLTLSEIQWIMDLFPYYRQN
QQRWQNSIRHLSLFDNCFVKVARSPDKPGKGSYWTLHPDSGNMFENGCYLRRQKRFKCEKQPGAGGGGGS
GSGGSGAKGGPESRKDPSGASNPADSPLHRGVHGTGQLEGAPAPGPAASPQTLDHSGATATGGASELK
TPASSTAPPISSGPGALASVPASHPAHGLAPHESQLHLKGDPHYSFNHPFSINNLMSSSEQQHKLDFKAY
EQALQYSPYGSTLPASLPLGSASVTTRSPIEPSALEPAYYQGVYSRPVLNTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 49 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_004487](#)



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Locus ID: 3169

UniProt ID: [P55317](#)

RefSeq Size: 3396

Cytogenetics: 14q21.1

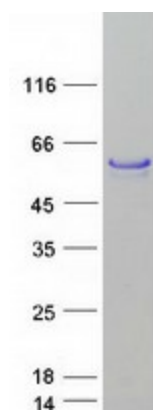
RefSeq ORF: 1416

Synonyms: HNF3A; TCF3A

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]).