

## Product datasheet for TP306045

### FOXA1 (NM\_004496) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human forkhead box A1 (FOXA1), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC206045 protein sequence

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

**Sequence:**

MLGTVKMEGHETSDWNSYYADTQEAYSSVPVSNMNSGLGSMNSMNTYMTMNTMTTSGNMTPASFNMSYAN  
PGLGAGLSPGAVAGMPGGSAGAMNSMTAAGVTAMGTALSPSGMGAMGAQQAASMNGLGPYAAAMNPCMSP  
MAYAPSNLGRSRAGGGGDAKTFKRSYPHAKPPYSYISLITMAIQAPSKMLTLSEIQWIMDLFPYYRQN  
QQRWQNSIRHLSLFNDCFKVARSPDKPGKGSYWTLHPDSGNMFENGCYLRRQKRFKCEKQPGAGGGGGS  
GSGGSGAKGGPESRKDPSGASNPADSPLHRGVHGTGQLEGAPAPGPAASPQTLDHSGATATGGASELK  
TPASSTAPPISSPGALASVPASHPAHGLAPHESQLHLKGDPHYSFNHPFSINNLMSSSEQQHKLDFKAY  
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

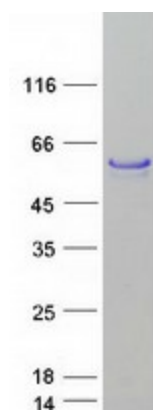
RefSeq ORF: 1416

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]).