

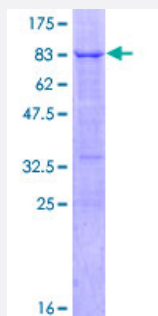
Full-Length

FOXA1 (Human) Recombinant Protein (P01)

Catalog # H00003169-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FOXA1 full-length ORF (NP_004487.2, 1 a.a. - 472 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLGTVKMEGHETSDWNSYYADTQEAYSSVPVSNMNSGLGSMNSMNTYMTMNTMTTSGNMTPA
SFNMSYANPGLGAGLSPGAVAGMPGGSAGAMNSMTAAGVTAMGTALSPSGMGAMGAQQAAS
MNGLGPYAAAMNPCMSPMAYAPSNLGRSRAGGGGDAKTFKRSYPHAKPPYSYISLITMAIQQAPS
KMLTLSEIYQWIMDLFPYRQNNQQRWQNSIRHLSFNDCFKVARSPDKPGKGSYWTLHPDSGN
MFENGCYLRRQKRKFCEKQPGAGGGGGSGSGSGAKGGPESRKDPGASNPADSPLHRGV
HGKTGQLEGAPAPGPAASPQTLDHSGATATGGASELKTPASSTAPPISGPGALASVPASHPAH
GLAPHESQLHLKGDPHYSFNHPFSINNLMSSSEQQHKLDFKAYEQALQSPYGSTLPASLPLGSA
SVTTRSPIEPSALEPAYQGVYSRPVLNTS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

75.5

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FOXA1

Entrez GeneID[3169](#)**GeneBank Accession#**[NM_004496.2](#)**Protein Accession#**[NP_004487.2](#)**Gene Name**

FOXA1

Gene Alias

HNF3A, MGC33105, TCF3A

Gene Description

forkhead box A1

Omim ID[602294](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

hepatocyte nuclear factor 3, alpha

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)