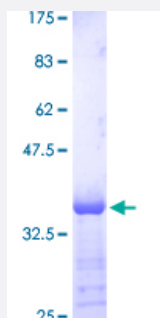


# FOXA1 (Human) Recombinant Protein (Q02)

Catalog # H00003169-Q02

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human FOXA1 partial ORF (NP_004487, 287 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	AKGGPESRKDPSPGASNP SADSP LHRGVH GK TGQLEGAPAPGPAASPQTL DHSGATATGGASE LKTPASSTAPPISSGPGALASV
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	34.87
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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](#)

**Protein Accession#** [NP\\_004487](#)

**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](#)