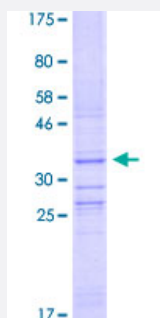


# FOXQ1 (Human) Recombinant Protein (Q02)

Catalog # H00094234-Q02

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human FOXQ1 partial ORF (NP_150285.3, 133 a.a. - 223 a.a.) recombinant protein with GST tag at N-terminal.
<b>Sequence</b>	RDSAGGRLTAEINEYLMGKFPFFRGSYTGWRNSVRHNLNDCFVKVLRDPSRPWGKDNYWM LNPNSEYTFADGVFRRRRKRLSHRAPVP
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	35.64
<b>Interspecies Antigen Sequence</b>	Mouse (79); Rat (76)
<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 — FOXQ1

Entrez GeneID	<a href="#">94234</a>
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GeneBank Accession#	<a href="#">NM_033260.3</a>
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Protein Accession#	<a href="#">NP_150285.3</a>
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Gene Name	FOXQ1
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Gene Alias	HFH1
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Gene Description	forkhead box Q1
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Gene Ontology	<a href="#">Hyperlink</a>
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Gene Summary	FOXQ1 is a member of the FOX gene family, which is characterized by a conserved 110-amino acid DNA-binding motif called the forkhead or winged helix domain. FOX genes are involved in embryonic development, cell cycle regulation, tissue-specific gene expression, cell signaling, and tumorigenesis (Bieller et al., 2001 [PubMed 11747606]).[supplied by OMIM]
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Other Designations	winged helix/forkhead transcription factor
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