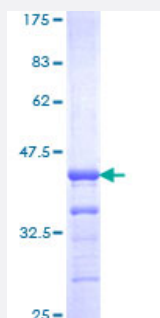


# FOXJ1 (Human) Recombinant Protein (Q01)

Catalog # H00002302-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                |                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human FOXJ1 partial ORF ( NP_001445, 341 a.a. - 421 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                | HVDVDLTIHGRHIDCPATWGPSVEQAADSLDFDETFLATSFLQHPWDESGSGCLPPEPLFEAGD<br>ATLASDLQDWASVGAFL                     |
| <b>Host</b>                    | Wheat Germ (in vitro)                                                                                     |
| <b>Theoretical MW (kDa)</b>    | 34.65                                                                                                     |
| <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 — FOXJ1

Entrez GeneID [2302](#)

GeneBank Accession# [NM\\_001454](#)

Protein Accession# [NP\\_001445](#)

Gene Name FOXJ1

Gene Alias FKHL13, HFH-4, HFH4, MGC35202

Gene Description forkhead box J1

Omim ID [602291 607154](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the forkhead family of transcription factors. Similar genes in zebrafish and mouse have been shown to regulate the transcription of genes that control the production of motile cilia. The mouse ortholog also functions in the determination of left-right asymmetry. Polymorphisms in this gene are associated with systemic lupus erythematosus and allergic rhinitis

**Other Designations** forkhead-like 13

## Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Rhinitis](#)