

# Recombinant Human FOXL2 Protein, GST-tagged

**Cat. No.** FOXL2-4463H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FOXL2 full-length ORF ( NP_075555.1, 1 a.a. - 376 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | This gene encodes a forkhead transcription factor. The protein contains a fork-head DNA-binding domain and may play a role in ovarian development and function. Mutations in this gene are a cause of blepharophimosis syndrome and premature ovarian failure 3. [provided by RefSeq]                                                                                                                         |
| <b>Molecular Mass</b>   | 65.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MMASYPEPEDAAGALLAPETGRTVKEPEGPPSPGKGGGGGGTAPKPDPAQK<br>PPYSYVALIAMAIRESAEKRLTLSGIYQYIIAKFPFYEKNKKGWQNSIRHNLSLNECFIK<br>VPREGGGERKGNWTLDPACEDMFEKGNYYRRRRMRPFRPPPAHFQPGKGLFG<br>AGGAAGGCGVAGAGADGYGYLAPPKYLQSGFLNNSWPLPQPPSPMPYASCQMAA<br>AAAAAAAAAAAAAGPGSPGAAAVVKGLAGPAASYGPYTRVQSMALPPGVVNSYNGL<br>GGPPAAPPPPPHPPHPPHAAHHLHAAAAPPPAPPHHGAAAPPPGQLSPASPATAAP<br>PAPAPTSAPGLQFACARQPELAMMHCSYWDHDSKTGALHSRLDL |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                                                                                                                              |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

### Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

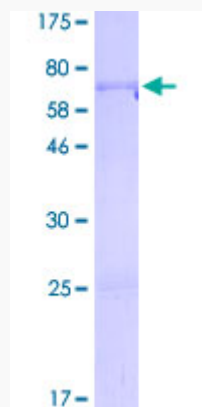
|                        |                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FOXL2 forkhead box L2 [ Homo sapiens ]                                                                                |
| <b>Official Symbol</b> | FOXL2                                                                                                                 |
| <b>Synonyms</b>        | FOXL2; forkhead box L2; BPES; forkhead box protein L2; BPES1; forkhead transcription factor FOXL2; PFRK; POF3; PINTO; |
| <b>Gene ID</b>         | 668                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_023067                                                                                                             |
| <b>Protein Refseq</b>  | NP_075555                                                                                                             |
| <b>MIM</b>             | 605597                                                                                                                |
| <b>UniProt ID</b>      | P58012                                                                                                                |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA