

## Recombinant Human FBXO9, GST-tagged

**Cat. No.** FBXO9-12807H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human FBXO9 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | C-term-308a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. Alternative splicing of this gene generates at least 3 transcript variants diverging at the 5 terminus. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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## GENE INFORMATION

|                            |                                                                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | FBXO9 F-box protein 9 [ Homo sapiens ]                                                                                                                                                                                              |
| <b>Official Symbol</b>     | FBXO9                                                                                                                                                                                                                               |
| <b>Synonyms</b>            | FBXO9; F-box protein 9; F box only protein 9; F-box only protein 9; FBX9; NY REN 57; F-box protein Fbx9; cross-immune reaction antigen 1; renal carcinoma antigen NY-REN-57; VCIA1; NY-REN-57; dJ341E18.2; KIAA0936; DKFZp434C0118; |
| <b>Gene ID</b>             | 26268                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>         | NM_012347                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>      | NP_036479                                                                                                                                                                                                                           |
| <b>MIM</b>                 | 609091                                                                                                                                                                                                                              |
| <b>UniProt ID</b>          | Q9UK97                                                                                                                                                                                                                              |
| <b>Chromosome Location</b> | 6p12.3-p11.2                                                                                                                                                                                                                        |
| <b>Function</b>            | ubiquitin-protein ligase activity;                                                                                                                                                                                                  |

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