

## Recombinant Human FBXO17, His-tagged

**Cat. No.** FBXO17-12786H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Overview</b> | Recombinant Human FBXO17 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 1-278a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | <p>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 and it contains an F-box domain. Alternative splicing of this gene results in 2 transcript variants encoding different isoforms.</p> |
| <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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | FBXO17 F-box protein 17 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                             |
| <b>Official Symbol</b>     | FBXO17                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>            | FBXO17; F-box protein 17; F box only protein 17 , FBXO26; F-box only protein 17; F box only protein 26; FBG4; Fbx17; FLJ11798; FLJ25205; MGC9379; F-box protein FBG4; F-box only protein 26; FBX26; FBXO26; FLJ58300;                                                                                                                                |
| <b>Gene ID</b>             | 115290                                                                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>         | NM_024907                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>      | NP_079183                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>                 | 609094                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>          | Q96EF6                                                                                                                                                                                                                                                                                                                                               |
| <b>Chromosome Location</b> | 19q13.2                                                                                                                                                                                                                                                                                                                                              |
| <b>Pathway</b>             | Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Selenium Metabolism and Selenoproteins, organism-specific biosystem; |
| <b>Function</b>            | glycoprotein binding; protein binding;                                                                                                                                                                                                                                                                                                               |

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