

## Recombinant Human EFCAB3 Protein, GST-tagged

**Cat. No.** EFCAB3-3081H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human EFCAB3 full-length ORF (BAC05376.1, 1 a.a. - 438 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | EFCAB3 (EF-Hand Calcium Binding Domain 3) is a Protein Coding gene. GO annotations related to this gene include calcium ion binding. An important paralog of this gene is SPATA21.                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 76.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MAVSEIKPKLKLNPLTKVPISHNKRDRDLPGSLQCQLQHKEKKLSASQMAAFQDAYN<br>FFYKDKTGCIDFHGLMCTVAKLGMNLTKHDVYNELKCADIDRDGKVNFSDFIKVLTD<br>KNLFLKAVVPEKETCLDLAGNPGILLFEILSRLLSETSALPRKSIIEIVSYFQRKFQHTGP<br>GMLWSPYTMGYGKRTLKPDICTPPSSSMAAFANAARIATMKEKD LFKFLEELKRCN<br>SGSDSPYSKIPIFPLFPNVDGVVMGKPFKDMQKLEMLRIKEPLHFFEDYFFHKRDWK<br>TQAANIKSMDPASGYSNIFTIDQMLKKKQTCTVADATAIKQHVKRATDTYNLGIALE<br>HRKEMLNLWQKIRGDLIGMDSRNESFYDTFSTYTWSWNVCQELLSPKDLRLYDAYV<br>NRNSSHNSRSSSSSDTSECYTDSGRKRKRKGLKGFQQ |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                                                                                                                                                                                                    |

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### 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>       | EFCAB3 EF-hand calcium binding domain 3 [ Homo sapiens ]                                                                       |
| <b>Official Symbol</b> | EFCAB3                                                                                                                         |
| <b>Synonyms</b>        | EFCAB3; EF-hand calcium binding domain 3; EF-hand calcium-binding domain-containing protein 3; FLJ25818; MGC126801; MGC126827; |
| <b>Gene ID</b>         | 146779                                                                                                                         |
| <b>mRNA Refseq</b>     | NM_001144933                                                                                                                   |
| <b>Protein Refseq</b>  | NP_001138405                                                                                                                   |
| <b>UniProt ID</b>      | Q8N7B9                                                                                                                         |

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