

## Recombinant Human GFI1B Protein, GST-tagged

**Cat. No.** GFI1B-4850H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GFI1B full-length ORF ( AAH43371.1, 1 a.a. - 330 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 zinc-finger containing transcriptional regulator that is primarily expressed in cells of hematopoietic lineage. The encoded protein complexes with numerous other transcriptional regulatory proteins including GATA-1, runt-related transcription factor 1 and histone deacetylases to control expression of genes involved in the development and maturation of erythrocytes and megakaryocytes. Mutations in this gene are the cause of the autosomal dominant platelet disorder, platelet-type bleeding disorder-17. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2014] |
| <b>Molecular Mass</b>   | 63.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MPRSFLVKSKKAHTYHQPRVQEDEPLWPPALTPVPRDQAPSNPVLSTLFPNQCLD<br>WTNLKREPELEQDQNLARMAPAPEGPIVLSRPQDGDSPSPFFYKPSFSWDTLA<br>TTYGHSYRQAPSTMQSAFLEHSVSLYGSPLVPSTEPALDFSLRYSFGMDAYHCVKC<br>NKVFSTPHGLEVHVRRSHSGTRPFACDICGKTFGHAVSLEQHTHVHSQERSFECD<br>MCGKAFKRSSTLSTHLLIHS DTRPYPCQFCGKR FHQKSDMKKHTYIHTGEKPHKCQ<br>VCGKA FSQSSNLITHSRKHTGFKPFSCELCTKGFQRKVDLRRHRESQHNLK                                                                                                                                                                                                                                                                           |

 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

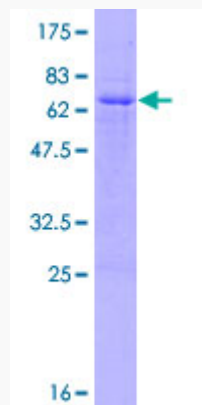
|                         |                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>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.                                                                                                                                                                                             |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>        | GFI1B growth factor independent 1B transcription repressor [ Homo sapiens ]                                                                                                                                                                                          |
| <b>Official Symbol</b>  | GFI1B                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>         | GFI1B; growth factor independent 1B transcription repressor; growth factor independent 1B (potential regulator of CDKN1A, translocated in CML); zinc finger protein Gfi-1b; growth factor independent protein 1B; potential regulator of CDKN1A translocated in CML; |
| <b>Gene ID</b>          | 8328                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>      | NM_001135031                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>   | NP_001128503                                                                                                                                                                                                                                                         |
| <b>MIM</b>              | 604383                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>       | Q5VTD9                                                                                                                                                                                                                                                               |

 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