

Recombinant Human GFI1B Protein, GST-tagged

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

SPECIFICATION

Product Overview Human GFI1B full-length ORF (AAH43371.1, 1 a.a. - 330 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source Wheat Germ

Description 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]

Molecular Mass 63.9 kDa

AA Sequence MPRSFLVKSKKAHTYHQPRVQEDEPLWPPALTPVPRDQAPSNSPVLSTLFPNQCLD
 WTNLKREPELEQDQNLARMAPAPEGPVLSRPQDGDSPSPFFYKPSFSWDTLA
 TTYGHSYRQAPSTMQSAFLEHSVSLYGSPLPSTEPALDFSLRYSPGMDAYHCVKC
 NKVFSTPHGLEVHVRRSHSGTRPFACDICGKTFGHAVSLEQHTHVHSQERSFECD
 MCGKAFKRSSTLSTHLLIHS DTRPYPCQFCGKRFHQKSDMKKHTYIHTGEKPHKQC
 VCGKAFSQSSNLITHSRKHTGFKPFSCLECTKGFQRKVDLRRHRESQHNLK

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

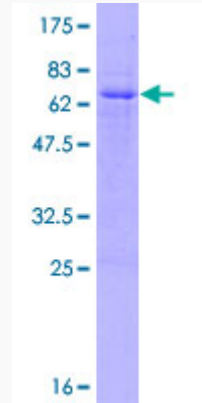
Gene Name	GFI1B growth factor independent 1B transcription repressor [Homo sapiens]
Official Symbol	GFI1B
Synonyms	GFI1B; growth factor independent 1B transcription repressor; growth factor independent 1B (potential regulator of CDKN1A, translocated in CML); zinc finger protein Gfi-1b; growth factor independent protein 1B; potential regulator of CDKN1A translocated in CML;
Gene ID	8328
mRNA Refseq	NM_001135031
Protein Refseq	NP_001128503
MIM	604383
UniProt ID	Q5VTD9

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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