

Recombinant Full Length Human GFI1B Protein, GST-tagged

Cat. No. GFI1B-5324HF 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	In Vitro Cell Free System
ProteinLength	330 amino acids
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 WTNLKREPELEQDQNLARMAPAPEGPIVLSRPQDGDSPSPFFYKPSFSWDTLA TTYGHSYRQAPSTMQSAFLEHSVSLYGSPLVPSTEPALDFSLRYSFGMDAYHCVKC NKVFSTPHGLEVHVRRSHSGTRPFACDICGKTFGHAVSLEQHTHVHSQERSFECD MCGKAFKRSSTLSTHLLIHS DTRPYPCQFCGKRFHQKSDMKKHHTYIHTGEKPHKCC

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VCGKAFSQSSNLITHSRKHTGFKPFSCSELCTKGFQRKVDLRRHRESQHNLK

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](#)

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UniProt ID

Q5VTD9

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