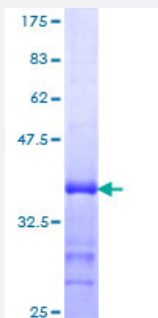


GFI1 (Human) Recombinant Protein (Q01)

Catalog # H00002672-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GFI1 partial ORF (NP_005254, 1 a.a. - 91 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPRSFLVKSKKAHSYHQPRSPGPDYSLRLENVPAPSRADSTSNAGGAKAEPRDRLSPESQLTE APDRASASPRQLRSSVCERSSEFEDFWR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.75
Interspecies Antigen Sequence	Mouse (77); Rat (78)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GFI1

Entrez GeneID [2672](#)

GeneBank Accession# [NM_005263](#)

Protein Accession# [NP_005254](#)

Gene Name GFI1

Gene Alias FLJ94509, GFI-1, ZNF163

Gene Description growth factor independent 1 transcription repressor

Omim ID [202700](#) [600871](#) [607847](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a nuclear zinc finger protein that functions as a transcriptional repressor. This protein plays a role in diverse developmental contexts, including hematopoiesis and oncogenesis . It functions as part of a complex along with other cofactors to control histone modifications that lead to silencing of the target gene promoters. Mutations in this gene cause autosomal dominant severe congenital neutropenia, and also dominant nonimmune chronic idiopathic neutropenia of adults, which are heterogeneous hematopoietic disorders that cause predispositions to leukemias and infections. Multiple alternatively spliced variants, encoding the same protein, have been identified for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000012582|OTTHUMP00000012583|growth factor independence-1|growth factor independent 1|zinc finger protein 163|zinc finger protein Gfi-1

Disease

- [Genetic Predisposition to Disease](#)

- [Leukemia](#)
- [Multiple Sclerosis](#)
- [Translocation](#)