

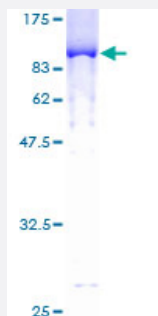
Full-Length

ZNFN1A3 (Human) Recombinant Protein (P01)

Catalog # H00022806-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ZNFN1A3 full-length ORF (AAH32707, 1 a.a. - 509 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEDIQTNAELKSTQEQSVPAESA AVLNDYSLTKSHEMENVDSGEGPANEDDIGDDSMKVKDEY
SERDENVLKSEPMGNAEEPEIPYSYSREYNEYENIKLERHVVSFSSRPTSGKMNC DVCGLSCIS
FNVLMVHKRSHTGERPFQCNQCGASFTQKGNLLRHIKLHTGEKPFKCHLCNYACQRRDAL TGHL
RTHSVEKPYKCEFCGRSYKQRSSLEE HKERCRTFLQSTDPGDTASAEARHIKAEMGSERALVLD
RLASNVAKRKSSMPQKFIGEKRHCFDVNYNSSYMYEKESELIQTRMMDQAINNAISYLGAEALRPL
VQTPPAPTSEMVPVISSMYPIALTRAEMSN GAPQELEKKS IHLPEKSVPSERGLSPNNSGHDSTD
TDSNHEERQNHYYQQNHMVL SRARNGMPLLKEVPRSYELLKPPPICPRDSVKVINKEGEVMDVYR
CDHCRVLF LDYVMFTIHMGCHGFRDPFECNMCGYRSHDRYEFSSHIARGEHRALLK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.73

Interspecies Antigen Sequence

Mouse (86); Rat (87)

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 — IKZF3

Entrez GeneID	22806
GeneBank Accession#	BC032707
Protein Accession#	AAH32707
Gene Name	IKZF3
Gene Alias	AIO, AIOLOS, ZNFN1A3
Gene Description	IKAROS family zinc finger 3 (Aiolos)
Omim ID	606221
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a member of the Ikaros family of zinc-finger proteins. Three members of this protein family (Ikaros, Aiolos and Helios) are hematopoietic-specific transcription factors involved in the regulation of lymphocyte development. This gene product is a transcription factor that is important in the regulation of B lymphocyte proliferation and differentiation. Both Ikaros and Aiolos can participate in chromatin remodeling. Regulation of gene expression in B lymphocytes by Aiolos is complex as it appears to require the sequential formation of Ikaros homodimers, Ikaros/Aiolos heterodimers, and Aiolos homodimers. At least six alternative transcripts encoding different isoforms have been described. [provided by RefSeq]
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Other Designations	aiolos zinc finger protein, subfamily 1A, 3 (Aiolos)
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Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Tooth Abnormalities](#)