

## Recombinant Mouse Ikzf1 Protein, Myc/DDK-tagged

Cat. No. Ikzf1-3498M Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Purified recombinant protein of mouse full-length IKAROS family zinc finger 1 (Ikzf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.

**Species** Mouse

**Source** HEK293

**Description** The protein encoded by this gene belongs to a family of transcription factors that are characterized by a set of four DNA-binding zinc fingers at the N-terminus and two C-terminal zinc fingers involved in protein dimerization. It is regulated by both epigenetic and transcription factors. This protein is a transcriptional regulator of hematopoietic cell development and homeostasis. In addition, it is required to confer temporal competence to retinal progenitor cells during embryogenesis, demonstrating an essential function in nervous system development. Alternative splicing results in multiple transcript variants encoding different isoforms.

**Molecular Mass** 48 kDa

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**Storage** Store at -80 centigrade after receiving vials.

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**Concentration** >50 µg/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [lkzf1 IKAROS family zinc finger 1 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [lkzf1](#)

**Synonyms**

lkzf1; IKAROS family zinc finger 1; I; LyF-; Zfpn; LyF-1; hlk-1; Ikaros; Zfpn1a1; Zfnf1a1; mKIAA4227; 5832432G11Rik; DNA-binding protein Ikaros; ikaros family zinc finger protein 1; lymphoid transcription factor LyF-1; zinc finger protein, subfamily 1A, 1 (Ikaros)

**Gene ID** [22778](#)

**mRNA Refseq** [NM\\_009578](#)

**Protein Refseq** [NP\\_033604](#)

**UniProt ID** [Q3UQ33](#)

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