

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 [Ikzf1](#) IKAROS family zinc finger 1 [*Mus musculus* (house mouse)]

Official Symbol [Ikzf1](#)

Synonyms Ikzf1; IKAROS family zinc finger 1; I; LyF-; Zfpn; LyF-1; hlk-1; Ikaros; Zfpn1a1; Znfn1a1; 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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