

## Recombinant Human IKZF3 Protein, MYC/DDK-tagged

Cat. No. IKZF3-487H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human IKZF3, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | <p>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. Several alternative transcripts encoding different isoforms have been described, as well as some non-protein coding variants.</p> |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.   |
| <b>Molecular Mass</b>   | 32.1 kDa  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method  |

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**GENE INFORMATION**

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | IKZF3 IKAROS family zinc finger 3 (Aiolos) [ Homo sapiens ]  |
| <b>Official Symbol</b> | IKZF3  |
| <b>Synonyms</b>        | IKZF3; IKAROS family zinc finger 3 (Aiolos); zinc finger protein, subfamily 1A, 3 (Aiolos) , ZNFN1A3; zinc finger protein Aiolos; Aiolos; zinc finger protein, subfamily 1A, 3 (Aiolos); AIO; AIOLOS; ZNFN1A3; |
| <b>Gene ID</b>         | 22806  |
| <b>mRNA Refseq</b>     | NM_012481  |
| <b>Protein Refseq</b>  | NP_036613  |
| <b>MIM</b>             | 606221   |
| <b>UniProt ID</b>      | Q9UKT9   |

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