

# Recombinant Human IKZF3 Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** IKZF3-258H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	IKZF3 MS Standard C13 and N15-labeled recombinant protein (NP_899054) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<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. [provided by RefSeq, Apr 2012]</p>
<b>Molecular Mass</b>	46.8 kDa
<b>AA Sequence</b>	<p>MEDIQTNAELKSTQEQSVPAESA AVLNDYSLTKSHEMENVDSGEGPANEDDIGDD  SMKVKDEYSERDENVLKSEPMGNAEEPEIPYSYSREYNEYENIKLERHVVSFDSSR  PTSGKMNC DVCGLSCISFNVLMVHKRSHTASAEARHIKAEMGSERALVLDRLASNV</p>

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AKRKSSMPQKFIGEKRHCFDVNYNSSYMYEKESELIQTRMMDQAINNAISYLGAEAL  
 RPLVQTTPAPTSEMVPVISSMYPALTRAEMSNGAPQELEKKSIIHLPEKSVPSERGLS  
 PNNSGHDSTDTDSNHEERQNHIIYQQNHMVLRSRARNGMPLLKEVPRSYELLKPPPIC  
 PRDSVKVINKEGEVMDVYRCDHCRVLFDYVMFTIHMGCCHGFRDPFECNMCGYRS  
 HDRYEFSSHIARGEHRALLKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** IKZF3 IKAROS family zinc finger 3 (Aiolos) [ Homo sapiens (human) ]

**Official Symbol** IKZF3

**Synonyms** 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;

**Gene ID** 22806

**mRNA Refseq** NM\_183231

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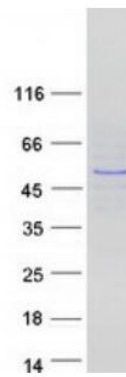
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**Protein Refseq** NP\_899054

**MIM** 606221

**UniProt ID** Q9UKT9

**SDS-PAGE**



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