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

Cat. No. IKZF3-4296H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IKZF3 MS Standard C13 and N15-labeled recombinant protein (NP_036613) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	58 kDa
AA Sequence	MEDIQTNAELKSTQEQSVPAESAAVLNDYSLTKSHEMENVDSGEGPANEDEDIGDD SMKVKDEYSERDENVLKSEPMGNAEEPEIPYSYSREYNEYENIKLERHVVSFDSSR PTSGKMNCDVCGLSCISFNVLMVHKRSHTGERPFQCNQCGASFTQKGNLLRHIKLH TGEKPFKCHLCNYACQRRDALTGHLRTHSVEKPYKCEFCGRSYKQRSSLEEHKER

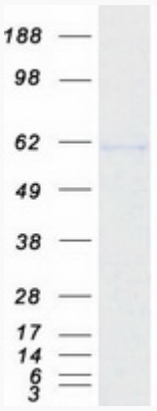
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	CRTFLQSTDPGDTASAEARHIKAEMGSERALVLDRLASNVAKRKSSMPQKFIGEKR HCFDVNYNSSYMYEKESELIQTRMMDQAINNAISYLGAEALRPLVQTPPAPTSEMVP VISSMYPIALTRAEMSNGAPQELEKKSIHLPEKSVPSERGLSPNNSGHDSTDTDSNH EERQNHIYQQNHMVLSRARNGMPLLKEVPRSYELLKPPPICPRDSVKVINKEGEVM DVYRCDHCRVLFLDYVMFTIHMGCHGFRDPFECNMCGYRSHDRYEFSSHIARGEH RALLKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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 [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_012481

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Protein Refseq	NP_036613
MIM	606221
UniProt ID	Q9UKT9
SDS-PAGE	

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