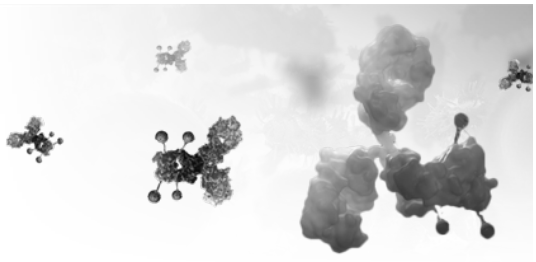

Human IKZF3 peptide (DAG-P0608)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Apr 2012]
Specificity	Expressed most strongly in peripheral blood leukocytes, the spleen, and the thymus.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the Ikaros C2H2-type zinc-finger protein family.Contains 6 C2H2-type zinc fingers.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

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

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Synonyms	IKZF3; IKAROS family zinc finger 3 (Aiolos); AIO; AIOLOS; ZNFN1A3; zinc finger protein Aiolos; zinc finger DNA binding protein Aiolos; zinc finger protein, subfamily 1A, 3 (Aiolos);
Entrez Gene ID	22806
mRNA Refseq	NM_001257408.1
Protein Refseq	NP_001244337.1
UniProt ID	Q9UKT9
Chromosome Location	17q21
Pathway	IL2-mediated signaling events, organism-specific biosystem;
Function	metal ion binding; protein binding; protein heterodimerization activity; protein homodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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