Recombinant Human FOXK2

Cat. No. FOXK2-29031TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human ILF1 with N terminal proprietary tag, predicted MWt 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	The protein encoded by this gene contains a fork head DNA binding domain. This protein can bind to the purine-rich motifs of the HIV long terminal repeat (LTR), and to the similar purine-rich motif in the interleukin 2 (IL2) promoter. It may be involved in the regulation of viral and cellular promoter elements.
Molecular Weight	36.630kDa inclusive of tags
Tissue specificity	Expressed in both lymphoid and non-lymphoid cells.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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	cycles.
Sequences of amino acids	QQAPLGQHQLPIKTVTQNGTHVASVPTAVHGQVNNAAASPLHMLATHASASASLPT KRHNGDQPEQPELKRIKTEDGEGIVIALSVDTPPAAVREKGVQN
Sequence Similarities	Contains 1 FHA domain.Contains 1 fork-head DNA-binding domain.

GENE INFORMATION

Gene Name	FOXK2 forkhead box K2 [Homo sapiens]
Official Symbol	FOXK2
Synonyms	FOXK2; forkhead box K2; ILF, ILF1, interleukin enhancer binding factor 1; forkhead box protein K2;
Gene ID	3607
mRNA Refseq	NM_004514
Protein Refseq	NP_004505
MIM	147685
Uniprot ID	Q01167
Chromosome Location	17q25
Function	DNA bending activity; double-stranded DNA binding; magnesium ion binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor

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	activity;

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