

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

cycles.

Sequences of amino acids QQAPLGQHQLPIKTVTQNGTHVASVPTAVHGVNNAASPLHMLATHASASASLPT
KRHNGDQPEQPELKRIKTEDGEGIVIALSVDTPPAAVREKGVQN

Sequence Similarities Contains 1 FHA domain.Contains 1 fork-head DNA-binding domain.

GENE INFORMATION

Gene Name FO XK2 forkhead box K2 [Homo sapiens]

Official Symbol FO XK2

Synonyms FO XK2; 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

activity;

☎ Tel: 1-631-559-9269 1-516-512-3133

☎ Email: info@creative-biomart.com ☎ Fax: 1-631-938-8127

☎ 45-1 Ramsey Road, Shirley, NY 11967, USA