



Human ILF2 blocking peptide (CDBP1594)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ILF2/NF45 antibody
Antigen Description	The protein encoded by this gene is the 45 kDa component of nuclear factor of activated T-cells (NFAT), a heterodimer of 45 kDa and 90 kDa proteins. NFAT is a transcription factor required for T-cell expression of the interleukin 2 gene. It also binds RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. The complex has been shown to repair DNA breaks by nonhomologous end joining and can also negatively regulate the microRNA processing pathway. Alternative splicing results in multiple transcript variants. Related pseudogenes have been found on chromosomes 3 and 14. [provided by RefSeq, Jun 2012]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ILF2 interleukin enhancer binding factor 2, 45kDa [Homo sapiens]
Official Symbol	ILF2

Synonyms	ILF2; interleukin enhancer binding factor 2, 45kDa; interleukin enhancer binding factor 2, 45kD; interleukin enhancer-binding factor 2; NF45; nuclear factor of activated T-cells 45 kDa; nuclear factor of activated T-cells, 45-kDa; PRO3063; MGC8391;
Entrez Gene ID	3608
mRNA Refseq	NM_004515
Protein Refseq	NP_004506
UniProt ID	Q12905
Chromosome Location	1q21.3
Function	ATP binding; DNA binding; double-stranded RNA binding; protein binding; transferase activity;