

Recombinant Full Length Human ILF2 Protein, GST-tagged

Cat. No. ILF2-5717HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ILF2 full-length ORF (NP_004506.2, 1 a.a. - 390 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	390 amino acids
Description	Nuclear factor of activated T-cells (NFAT) is a transcription factor required for T-cell expression of the interleukin 2 gene. NFAT binds to a sequence in the interleukin 2 gene enhancer known as the antigen receptor response element 2. In addition, NFAT can bind RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. NFAT is a heterodimer of 45 kDa and 90 kDa proteins, the smaller of which is the product of this gene. The encoded protein binds strongly to the 90 kDa protein and stimulates its ability to enhance gene expression. [provided by RefSeq]
Molecular Mass	69.5 kDa
AA Sequence	MRGDRGRGRGGRFGSRGGPGGGFRPFVPHIPDFYLCEMAFPRVKPAPDETSFSE ALLKRNQDLAPNSAEQASILSLVTKINNVIDNLIVAPGTFEVQIEEVRQVGSYKKGTMT TGHNVADLVVILKILPTLEAVAALGNKVVESLRAQDPSEVLTMLTNETGFEISSSDATV KILITTVPPNLRKLDPELHLDIKVLQSALAAIRHARWFEENASQSTVKVLIRLLKDLRIR FPGFEPLTPWILDLLGHYAVMNNPTRQPLALNVAYRRCLQILAAGLFLPGSVGITDPC

 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

	ESGNFRVHTVMTLEQQDMVCYTAQTLVRILSHGGFRKILGQEGDASYLASEISTWD GVIVTPSEKAYEKPPEKKEGEEEEENTEEPPQGEEEEESMETQE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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;
Gene ID	3608
mRNA Refseq	NM_004515
Protein Refseq	NP_004506
MIM	603181

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UniProt ID

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