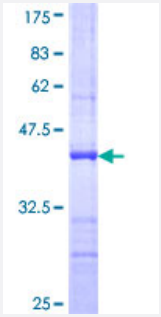
ILF2 (Human) Recombinant Protein (Q01)

Catalog # H00003608-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ILF2 partial ORF (NP_004506, 151 a.a. - 250 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PSEVLTMLTNETGFEISSSDATVKILITTVPPNLRKLDPELHLDIKVLQSALAAIRHARWFEENASQS TVKVLIRLLKDLRIRFPGFEPLTPWILDLLGH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (100)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ILF2

Entrez GeneID	3608
GeneBank Accession#	NM_004515
Protein Accession#	NP_004506
Gene Name	ILF2
Gene Alias	MGC8391, NF45, PRO3063
Gene Description	interleukin enhancer binding factor 2, 45kDa
Omim ID	603181
Gene Ontology	Hyperlink
Gene Summary	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 compo nent 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 prot ein binds strongly to the 90 kDa protein and stimulates its ability to enhance gene expression. [pr ovided by RefSeq
Other Designations	interleukin enhancer binding factor 2|nuclear factor of activated T-cells, 45-kDa