

## Recombinant Human LEF1, His-tagged

Cat. No. LEF1-540H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LEF1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-399aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	LEF1 lymphoid enhancer-binding factor 1 [ Homo sapiens ]
<b>Official Symbol</b>	LEF1
<b>Synonyms</b>	LEF1; lymphoid enhancer-binding factor 1; TCF1ALPHA; TCF7L3; TCF10; TCF1-alpha; T cell-specific transcription factor 1-alpha; LEF-1; FLJ46390; DKFZp586H0919;

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<b>Gene ID</b>	51176
<b>mRNA Refseq</b>	NM_001130713
<b>Protein Refseq</b>	NP_001124185
<b>UniProt ID</b>	Q9UJU2
<b>Chromosome Location</b>	4q23-q25
<b>Pathway</b>	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Basal cell carcinoma, organism-specific biosystem;
<b>Function</b>	C2H2 zinc finger domain binding; DNA binding; DNA binding, bending; armadillo repeat domain binding; beta-catenin binding; beta-catenin binding; chromatin binding; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; enhancer bind

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