

Recombinant Human ELF4, His-tagged

Cat. No. ELF4-12401H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ELF4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-301a.a.
Description	The protein encoded by this gene is a transcriptional activator that binds and activates the promoters of the CSF2, IL3, IL8, and PRF1 genes. The encoded protein is involved in natural killer cell development and function, innate immunity, and induction of cell cycle arrest in naive CD8+ cells. Two transcript variants encoding the same protein have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	ELF4 E74-like factor 4 (ets domain transcription factor) [Homo sapiens]
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Official Symbol	ELF4
Synonyms	ELF4; E74-like factor 4 (ets domain transcription factor); ETS-related transcription factor Elf-4; ELFR; MEF; myeloid Elf-1-like factor;
Gene ID	2000
mRNA Refseq	NM_001127197
Protein Refseq	NP_001120669
MIM	300775
UniProt ID	Q99607
Chromosome Location	Xq26
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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