

# Recombinant Full Length Human ELF2 Protein, GST-tagged

Cat. No. ELF2-4342HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ELF2 full-length ORF ( NP_973728.1, 1 a.a. - 581 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	581 amino acids
<b>Description</b>	ELF2 (E74 Like ETS Transcription Factor 2) is a Protein Coding gene. Diseases associated with ELF2 include Carpal Tunnel Syndrome, Familial and Nerve Compression Syndrome. Among its related pathways are Immune response IL-23 signaling pathway and ADP signalling through P2Y purinoceptor 12. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and RNA polymerase II transcription factor activity, sequence-specific DNA binding. An important paralog of this gene is ELF1.
<b>Molecular Mass</b>	89.1 kDa
<b>AA Sequence</b>	MTSAVVDSGGTILELSSNGVENQEESEKVSEYPAVIVEPVPSARLEQGYAAQVLVYD DETYMMQDVAAEEQEVETENVETVEASVHSSNAHCTDKTIEAAEALLHMESPTCLRD SRSPEFIHAAMRPDVITETVVEVSTEESEPMDTSPIPTSPDSHEPMKKKKVGRKPKT QQSPISNGSPELGIKKKPREGKGNNTTYLWEFLDLLQDKNTCPRYIKWTQREKGIFK LVDSKAVSKLWKGKHNKPDMMNYETMGRALRYYYQRGILAKVEGQRLVYQFKDMPK NIVVIDDDKSETCNEDLAGTTDEKSLERVSLSAESLLKAASSVRSKGKNSSPINCSRAE

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KGVARVVNITSPGHDASSRSPTTTASVSATAAPRTVVRVAMQVPVVMVMTSLGQKISTVA  
 VQSVNAGAPLITSTSPTTATSPKVVIQTIPTVMPASTENGDKITMQPAKIITIPATQLAQ  
 CQLQTKSNLTGSGSINIVGTPLAVRALTPVSIAHGTPVMRLSMPTQQASGQTPPRVIS  
 AVIKGPEVKSEAVAKKQEHDVKTLQLVEEKPADGNKTVTHVVVVVSAPSAIALPVTMK  
 TEGLVLTCEK

**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**  
[ELF2 E74-like factor 2 \(ets domain transcription factor\) \[ Homo sapiens \]](#)

**Official Symbol**  
[ELF2](#)

**Synonyms**  
 ELF2; E74-like factor 2 (ets domain transcription factor); ETS-related transcription factor Elf-2; EU32; NERF; NERF 1A; NERF 1B; NERF 2; new Ets-related factor; ets family transcription factor ELF2C; NERF-2; NERF-1A; NERF-1B; NERF-1a,b;

**Gene ID**  
[1998](#)

**mRNA Refseq**  
[NM\\_006874](#)

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**Protein Refseq** [NP\\_006865](#)

**MIM** [619798](#)

**UniProt ID** [Q15723](#)

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