

Recombinant Full Length Human ELF2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human ELF2 full-length ORF (NP_973728.1, 1 a.a. - 581 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	581 amino acids
Description	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.
Molecular Mass	89.1 kDa
AA Sequence	MTSAVVDSGGTILELSSNGVENQEESEKVSEYPAVIVEPVPSARLEQGYAAQVLVYD DETYMMQDVAAEEQEVETENVETVEASVHSSNAHCTDKTIEAAEALLHMESPTCLRD SRSPEFIHAAMRPDVITETVVEVSTEESEPMDTSPIPTSPDSHEPMKKKKVGRKPKT QQSPISNGSPELGIKKKPREGKGNTTYLWEFLDLLQDKNTCPRYIKWTQREKGIFK LVDSKAVSKLWKGHKHKNKPDMMNYETMGRALRYYYQRGILAKVEGQRLVYQFKDMPK NIVVIDDDKSETCNEDLAGTTDEKSLERVSLSAESLLKAASSVRSGKNSSPINCSRAE

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KGVARVVNITSPGHDASSRSPTTTTASVSATAAPRTVRVAMQVPVVMVMTSLGQKISTVA
 VQSVNAGAPLITSTSPTTATSPKVVIQTIPTVMPASTENGDKITMQPAKIITIPATQLAQ
 CQLQTKSNLTGSGSINIVGTPLAVRALTPVSIAHGTPVMRLSMPTQQASGQTPPRVIS
 AVIKGPEVKSEAVAKKQEHDVKTLQLVEEKPADGNKTVTHVVVVVSAPSAIALPVTMK
 TEGLVTCEK

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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