

Recombinant Human ELF2 protein, T7/His-tagged

Cat. No. ELF2-158H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ELF2 cDNA (533aa, Isoform-II) protein fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Protein Length	533 a.a.
Form	0.40 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGEFELATSLHEGPTNQLDLLIRAVEASVHS SNAHCTDKTIEAAEALLHME SPTCLRDSRSPVEVFVPPCVSTPEFIHAAMRPDVITE TVVEVSTEESEPMDTSPIPTSPDSHEPMKKKKVGRKPK TQQSPISNGSPELGIKKKP REGKGNTTYLWEFLDLLQDKNTCPRYIKWTQREKGIFKLVDKAVSKLWGKHKNK PDMNYETMGRALRYYYQRGILAKVEGQRLVYQFKDMPKNIVVIDDDKSETCNEDLA GTTDEKSLERVSLSAESLL KAASSVRSGKNSSPINCSRAEKGVARVVNITSPGHIDAS SRSPTTTASVSATAAPRTVRVAMQVPVMTSLGQKIS TVAVQSVNAGAPLITSTSTPT TATSPKVVIQTIPTVMPASTENGDKITMQPAKIITIPATQLAQCQLQTKSNLTGS GSINI VGTPLAVRALTPVSIAHGTPVMRLSMPTQQASGQTPPRVISAVIKGPEVKSEAVAKK QEHDVKTLQLVEE KPADGNKTVTHVVVVVSAPSAIALPVTMKTEGLVTCEK
Purity	>90% by SDS-PAGE

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Applications 1. May be used as specific protein substrate for kinase and ubiquitin (Sumo pathway) related enzyme functional screening assays. 2. May be used for ELF2 protein-protein interaction mapping. 3. As immunogen for specific antibody production.

Storage Keep at -80°C for long term storage. Product is stable at 4 °C for at least 7 days.

GENE INFORMATION

Gene Name ELF2 E74-like factor 2 (ets domain transcription factor) [Homo sapiens]

Official Symbol ELF2

Synonyms ELF2; EU32; NERF; NERF 1A; NERF 1B; NERF 2; new Ets-related factor; NERF-2; NERF-1A; NERF-1B; NERF-1a,b;

Gene ID 1998

mRNA Refseq NM_006874

Protein Refseq NP_006865

MIM

UniProt ID Q15723

Chromosome Location 4q28

Pathway Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem;

Function protein binding; sequence-specific DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA

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